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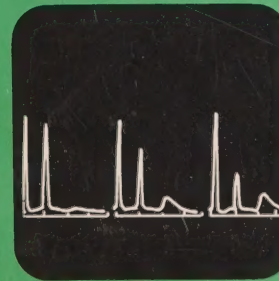
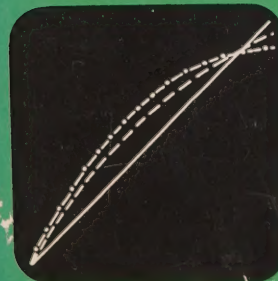
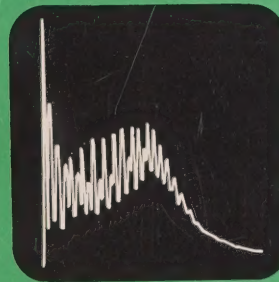
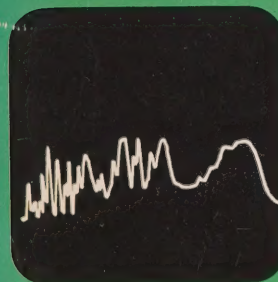
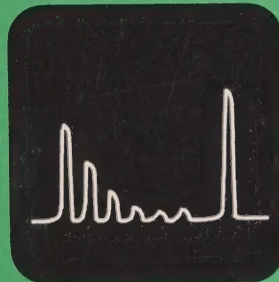
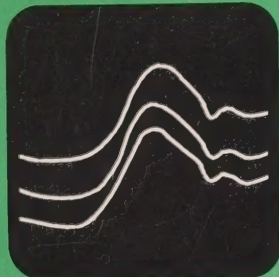
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# Water Quality Data

Données sur la qualité des eaux

## Yukon Territory Territoire du Yukon

1961-1973





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Water Quality Data

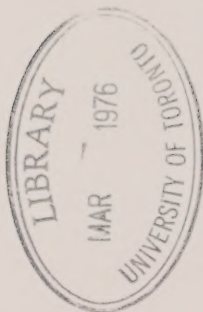
CAIEP 40  
-1975Y77

Données sur la qualité des eaux

# **Yukon Territory Territoire du Yukon 1961-1973**

*INLAND WATERS DIRECTORATE,  
WATER QUALITY BRANCH,  
OTTAWA, CANADA, 1975.*

*DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES,  
DIRECTION DE LA QUALITÉ DES EAUX,  
OTTAWA, CANADA, 1975.*



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Information Canada  
Ottawa, 1975

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## GENERAL

The computerized National Water Quality Data Bank (NAQUADAT) is a depository of water quality information. Chemical, physical, biological and hydrometric data are stored for surface water, groundwater, wastewater, precipitation and other water classifications. The water quality data presented in this report have been determined in Water Quality Branch laboratories as part of the National Water Quality Monitoring Program and from related projects and surveys.

The present summary of water quality data is one of a series covering the major regions of Canada. These compilations of approximately 10 years data are an extension of the Water Survey reports of the industrial water resources of Canada, a monitoring program begun in 1947. The initial report in the current series contained both detailed and summary water quality data for British Columbia (1961-71). The present report is representative of the data summaries which are being published for the remaining provinces and territories. As well as providing a concise account of water quality, these summaries give an indication of the extent of data stored on the NAQUADAT file. In these summary reports, however, data which are very fragmentary (such as infrequently measured parameters) are not reported. More detailed information for particular locations, including all data stored on the file, is available through retrieval searches. This includes parameters such as water temperature and flow data for which averaging is not appropriate. Water discharge measurements at time of sampling are stored for water quality samples taken at Water Survey of Canada stations. This discharge information has been selectively added to NAQUADAT by computer program from the Water Survey data base. By means of retrieval requests, particular data reports can be generated in the form of lists, statistical summaries, plots, loadings or cumulative mass flows. Examples of the various types of searches are documented in the NAQUADAT Users Manual.

The following Water Quality Branch publications may be useful in conjunction with this report:

**NAQUADAT USERS MANUAL** — This guide provides a detailed description of the NAQUADAT system and outlines the procedures for the retrieval or submission of data.  
**NAQUADAT DICTIONARY** — The dictionary

## GÉNÉRALITÉS

NAQUADAT, la Banque nationale de données sur la qualité des eaux, gérée par ordinateur est une mine de renseignements. En effet, elle renferme des données d'ordre chimique, physique, biologique et hydrométrique sur les eaux de surface, les eaux souterraines, les eaux résiduaires, les précipitations et les autres types d'eau. Les données exposées dans le présent rapport proviennent des laboratoires de la Direction de la qualité des eaux, dans le cadre du programme national de surveillance de la qualité des eaux et grâce à d'autres études et relevés connexes.

Le présent extrait de données sur la qualité des eaux fait partie d'une série qui traite des principales régions du Canada. Il porte sur environ 10 ans et s'ajoute aux rapports de la Division des relevés hydrologiques concernant les ressources canadiennes en eau pour l'industrie, dont la surveillance a débuté en 1947. Le premier rapport de la série renfermait des données détaillées et un extrait des données sur la qualité des eaux en Colombie-Britannique pour la période allant de 1961 à 1971. Le présent rapport est un échantillon des extraits qu'on est à publier sur les autres provinces et territoires. Tout en donnant un bref compte-rendu de la qualité des eaux, ces publications donnent une idée de la masse des données emmagasinées dans la banque NAQUADAT. Toutefois, on n'y trouve pas les données très fragmentaires (comme celles qui représentent des paramètres très peu souvent mesurés). On peut obtenir par recherche des renseignements plus complets concernant des endroits précis, y compris toutes les données emmagasinées. Ceci comprend des paramètres tels que la température et le débit, pour lesquels il ne convient pas d'établir de moyennes. On emmagasine la valeur mesurée des débits au moment du prélèvement des échantillons aux stations de la Division des relevés hydrologiques du Canada. Ces renseignements de la Division sont ajoutés de façon sélective à la banque NAQUADAT par programme machine. Par demandes de recherche, on peut obtenir des séries particulières de données sous forme de listes, d'extraits statistiques, de graphiques, de charges totales ou cumulatives. Dans le *NAQUADAT Users Manual*, on donne des exemples des différents types de recherche de données.

En plus du présent rapport, on peut consulter les publications suivantes de la Direction de la qualité des eaux:

**NAQUADAT USERS MANUAL**: Ce guide fournit une description détaillée du système NAQUADAT et indique les méthodes de recherche ou de présentation de données.



contains a detailed explanation of all the parameter codes and conversion factors contained in the NAQUADAT file.

**INDEX OF WATER QUALITY STATIONS** – The station index contains the locations and code designations of the National Water Quality Monitoring Stations (as well as other stations for which data is stored in the NAQUADAT file), together with the types of parameters measured at each site.

Requests for these publications or for retrieval searches should be directed to the

Head, Data and Instrumentation Section  
Water Quality Branch  
Inland Waters Directorate  
Environment Canada  
Ottawa, Ontario K1A 0E7.

## GUIDE TO THE USE OF TABLES

This report presents a summary of water samples collected and analyzed during the period January 1961 to December 1973. Since many stations were not sampled for this entire time, the collection periods are indicated for the individual stations. The summary is arranged in order of the 12-digit station codes printed at the top of each page. This code incorporates the Water Survey of Canada basin and sub-basin designation. In the station number the first 2 numerals refer to water type followed by the 2-letter provincial or territorial code. The next 2 digits and 2 letters refer to basin and sub-basin respectively, followed by a final 4-digit sequence number. An alphabetical index of station locations is printed at the back of the report. This enables the user to determine the station number for a particular location and hence locate the appropriate data. The Station Parameter code 97900S in the index indicates that Water Survey of Canada discharge data is retrievable for that site. The Water Survey Station Reference Number can be obtained from the NAQUADAT station number by replacing the final 4-digit sequence with the 3-digit code indicated. Latitude and longitude positions for the sampling stations are given in the index together with a code indicating the precision of the geographical coordinates. The lower the number the more accurate is the location. Thus 4 would suggest a radius of uncertainty of 30 to 100 meters, 7 an uncertainty of 1 to 3 kilometers.

**NAQUADAT DICTIONARY:** C'est une liste systématique et détaillée de tous les codes paramétriques et facteurs de conversion utilisés par la banque NAQUADAT.

**INDEX OF WATER QUALITY STATIONS:** C'est un répertoire des stations appartenant au réseau national de surveillance de la qualité des eaux avec leur emplacement et code, plus d'autres dont les données sont emmagasinées dans la banque NAQUADAT, ainsi que les types de paramètres qu'elles mesurent.

Pour obtenir des exemplaires de ces publications ou pour demander des recherches d'information, adresser les commandes au

Chef, Section des instruments et données  
Direction de la qualité des eaux  
Direction générale des eaux intérieures  
Environnement Canada  
Ottawa (Ontario) K1A 0E7.

## COMMENT CONSULTER LES TABLEAUX

Le présent rapport est un extrait des données relatives aux échantillons d'eau prélevés et analysés entre janvier 1961 et décembre 1973. Comme les stations n'ont pas toutes fonctionné pendant tout ce laps de temps, on indique pour chacune leur durée de service. L'ordre de présentation suit celui du code des stations de la Division des relevés hydrologiques, code qui compte 12 chiffres et lettres et qu'on indique en tête de chaque page. Ce code tient compte de la séparation du Canada en bassins et sous-bassins, faite par la Division. Les deux premiers chiffres indiquent le type d'eau étudié à la station et sont suivis du code de la province ou du territoire (deux lettres). Les deux chiffres et deux lettres qui suivent identifient le bassin et le sous-bassin, respectivement; ils sont suivis par une suite de quatre nombres. À la fin du rapport on trouve un index alphabétique de l'emplacement des stations. Ceci permet à l'utilisateur de déterminer le numéro de la station pour un endroit précis et de repérer les données correspondantes. Le code 97900S de l'index indique que l'on peut obtenir, pour le site en question, des données relatives au débit, que la Division des relevés hydrologiques a prélevées. On peut se procurer le numéro de référence de la station de la Division à partir du numéro de station de la NAQUADAT en remplaçant les quatre derniers chiffres du code par les trois chiffres indiqués. La latitude et la longitude des stations sont données dans l'index ainsi qu'un code donnant la précision des coordonnées géographiques. Plus le numéro est petit, plus les coordonnées sont précises. Ainsi le chiffre 4 signifie que le rayon d'incertitude est de



Analytical results are presented in the form of minima and maxima, medians and 10, 25, 75 and 90th percentiles, whenever sufficient data are available to calculate these values. The median is the value below which 50% of the results appear. The 10th percentile, for example, is the value below which 10% of the results fall.

In some cases, values within the same column have different numbers of significant figures. This may occur where two or more analytical methods have been used to measure a particular parameter and generally reflects the increased precision available with more recent instruments. Trailing zeros have purposely not been added to the reported values so as to indicate precision and to preserve the detection limits of the actual method used.

In any test where the result is below the detection limit of the analytical method used, the value is preceded by "L". Thus "L.01" means less than 0.01, where 0.01 is the detection limit of the analytical method used for that test. Note that a value reported as "L.1" is not necessarily higher than "L.01". Both results were below the detection limits of the method and/or instrument used for performing the analyses. While the summary provides a good guide to water quality conditions, it is important to interpret the results presented in the tables with caution. The high and low values, for example, refer only to the limited number of samples measured and are not necessarily the actual extreme values which occurred in the water system during the entire time period.

## CODING OF ANALYTICAL METHODS

The analytical method used is indicated by the six digit parameter code number at the top of each column. If a parameter summary includes analytical methods different from the one indicated by the column heading, the last three digits of the appropriate method are shown as backup codes. For this summary report, analyses with and without preservation are distinguished (in separate columns) where the quantity of data is sufficient; where there are only few samples these have been combined for conciseness. In the same way, groupings of similar methods are indicated by backup codes. Individual parameters or retrieval codes are, of course, distinguishable by means of particular retrieval searches.

30 à 100 mètres, 7 une incertitude de 1 à 3 kilomètres.

Les données analytiques sont présentées sous la forme de minima et de maxima, de médianes et de 10<sup>e</sup>, 25<sup>e</sup>, 75<sup>e</sup> et 90<sup>e</sup> percentiles, quand le nombre de données le permet. La médiane est la valeur en dessous de laquelle apparaissent 50% des résultats. Le 10<sup>e</sup> percentile est la valeur en dessous de laquelle apparaissent 10% des résultats.

Il arrive que les valeurs disposées dans la même colonne ont un nombre différent de chiffres significatifs; c'est parce qu'on a utilisé deux méthodes analytiques ou plus pour mesurer un paramètre donné, et cela montre le gain de précision qu'on a obtenu grâce aux appareils modernes. On a intentionnellement omis les suites de zéros pour les valeurs en question, afin d'en indiquer la précision et de conserver les limites de détection de la méthode utilisée.

Pour tout essai où le résultat est inférieur à la limite de détection de la méthode analytique utilisée, on le fait précéder d'un «L». Ainsi «L.01» veut dire inférieur à 0.01, où 0.01 est la limite de détection pour la méthode analytique utilisée pour l'essai. Veuillez observer qu'une valeur inscrite comme étant «L.1» n'est pas nécessairement plus élevée que «L.01». Les deux sont inférieures aux limites de détection de la méthode et de l'appareil utilisés pour l'analyse. L'extrait donne une bonne idée de la qualité des eaux, cependant, il faut être prudent dans l'interprétation des résultats présentés. Ainsi les maxima et minima indiqués sont ceux qu'on a mesurés et non pas ceux qui ont réellement eu cours pendant toute la période étudiée.

## CODES DES MÉTHODES ANALYTIQUES

Un numéro de code paramétrique à six lettres et chiffres indique, en tête de chaque colonne, la méthode qui a servi aux analyses. Si pour un paramètre donné, on s'est servi d'autres méthodes en plus de celle qu'indique le code, les trois derniers chiffres de leur code correspondant sont indiqués en regard des codes de réserve (*backup codes*). Dans le présent extrait, les résultats d'analyses faites avec et sans l'aide d'agents préservatifs sont présentés à part, si le nombre de données le permet. Autrement, pour sauver de la place on a combiné les résultats dans la même colonne. De la même façon, on a groupé les résultats des analyses par méthodes similaires, en les indiquant par les codes de réserve. Chaque paramètre ou code de recherche est évidemment distinguable par des recherches spéciales.

The parameter code number is of the form ZZXYAA where:

- (1) ZZ is a numerical code representing

Tests	Parameter
Chemical tests	ATXYAA (AT - Atomic number)
Balances and other calc. parameters	00XYAA
General physical tests	02XYAA
General chemical tests	10XYAA
Pesticides and Herbicides	18XYAA
Bacteriological tests	36XYAA
Biological information	54XYAA
Other information	97XYAA, 98XYAA and 99XYAA

- (2) X is a one-digit numerical code (0-9) subdividing group (1).
- (3) YY is a two-digit sequential numerical code identifying the analytical method used for the test. In certain cases this field is used to further subdivide the type of tests described in (1) and (2).
- (4) A is a one-digit alphabetical code indicating the place where the analysis was carried out and whether or not the sample was preserved at the time of sampling. S, represents an *in situ* analysis, F, a field laboratory analysis, L, a laboratory analysis without any on-site preservation and P, a laboratory analysis with on-site preservation of the sample.

A complete description of all the parameter code numbers is given in the NAQUADAT Dictionary.

## PRODUCTION OF REPORT

The tables were obtained from the NAQUADAT computer storage and retrieval system. The magnetic tape of retrieved data was processed by a computerized photocomposition system to produce the copy from which the summary tables were printed.

The patterns used to illustrate the cover of this publication are typical of the forms in which results are obtained from instruments used in Water Quality Branch laboratories. The instruments which produced these patterns are only a few of the many instruments in regular use. The list below and the diagram can be used to identify

Le numéro de code paramétrique est de la forme ZZXYAA, où:

- (1) ZZ est un code numérique identifiant

Essais	Code
Essais chimiques	ATXYAA (AT - n° atomique)
Bilans et autres paramètres calculés	00XYAA
Essais physiques à caractère général	02XYAA
Essais chimiques à caractère général	10XYAA
Pesticides et herbicides	18XYAA
Essais bactériologiques	36XYAA
Information d'ordre biologique	54XYAA
Autres renseignements	97XYAA, 98XYAA et 99XYAA

- (2) X est un chiffre compris entre 0 et 9 permettant une subdivision du groupe (1);
- (3) YY est deux chiffres permettant d'identifier la méthode analytique utilisée pour l'essai. Ces deux chiffres servent quelquefois à subdiviser davantage le genre d'essais décrits par (1) et (2).
- (4) A est une lettre indiquant l'endroit où l'analyse s'est faite et si on a utilisé un agent préservatif dans l'échantillon au moment du prélèvement. S signifie que l'analyse s'est déroulée sur les lieux-mêmes; F, analyse en laboratoire, sur le terrain; L, en laboratoire sans agent préservatif et P, en laboratoire, avec agent préservatif.

Dans le *NAQUADAT Dictionary*, on trouvera une description complète de tous les numéros de code paramétrique.

## PRODUCTION DU RAPPORT

On a obtenu les tableaux du système d'emmagasinage et de recherche des données NAQUADAT. Un système de photocomposition géré par ordinateur a traité le ruban magnétique des données obtenues afin de donner une copie à partir de laquelle on a imprimé les tableaux du présent extrait.

Les dessins de la page couverture illustrent la forme sous laquelle on recueille les données obtenues par les appareils des laboratoires de la Direction de la qualité des eaux. Les appareils en question ne représentent qu'une partie de tous ceux qui sont couramment utilisés. La liste qui suit





the instruments which produced the patterns:

- AutoAnalyser: 2, 5, 10, 12, 19, 22
- Calibration Curves, AutoAnalyser: 23
- Polarograph: 1, 6, 11, 21
- Gas Chromatograph: 3, 8, 9, 13, 14, 16, 18, 20, 24
- Infrared Spectrophotometer: 4, 17
- Mass Spectrometer: 7, 15

et le schéma peuvent servir à les identifier.

- Auto-analyseur: 2, 5, 10, 12, 19, 22
- Courbes d'étalonnage d'auto-analyseur: 23
- Polarographe: 1, 6, 11, 21
- Chromatographe en phase gazeuse: 3, 8, 9, 13, 14, 16, 18, 20, 24
- Spectrophotomètre infrarouge: 4, 17
- Spectromètre de masse: 7, 15

1	2	3	4
7	8	9	10
13	14	15	16
19	20	21	22

5	6	
11	12	
17	18	
23	24	





**Summary Data**  
**Données sommaires**

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT08AA0001** FOR PERIOD **29 07/73** TO **29 07/73**  
 LAT. **60 ° 30 '** LONG. **137 ° 39 '**  
 COTTONWOOD CREEK, YUKON TERRITORY

	13603L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02073L TURBIDITY	00210L SATURATION INDEX	00211L STABILITY INDEX	02041L SPECIFIC CONDUCT.	020415 SPECIFIC CONDUCT.
	(CALCD) MG/L	PH UNITS	(CALCD) MG/L	(CALCD) MG/L	REL UNITS	JTU	(CALCD) PH UNITS	(CALCD) PH UNITS	US/CM	US/CM
SAMPLES	1	1	1	1	1	1			1	
LOW	74.4	8.0	67	0	5	1.7			151	
HIGH	74.4	8.0	67	0	5	1.7			151	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										

	00203L TOTAL DISSOLVED SOLIDS (CALCD) MG/L	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C MG/L	06051L CARBON TOTAL INORGANIC C MG/L	06101L CARBON DISSOLVED ORGANIC C MG/L	06201L BICARBONT. (CALCD.) HCO3 MG/L	06301L CARBONATE (CALCD.) CO3 MG/L
SAMPLES									1	1
LOW									82	0
HIGH									82	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										

	06401L FREE CO2 (CALCD.) CO2 MG/L	07002L NITROGEN TOTAL KJELDAHL N MG/L	07105L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07306L NITROGEN DISSOLVED NITRATE N MG/L	07551L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED O2 MG/L	09105L FLUORIDE DISSOLVED F MG/L	11103L SODIUM DISSOLVED NA MG/L	11201L SODIUM ABSORPTION RATIO REL UNITS	12102L MAGNESIUM DISSOLVED MG MG/L
SAMPLES	1		1					1	1	
LOW	1.3		0.03					2.1	0.11	
HIGH	1.3		0.03					2.1	0.11	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										



STATION **00YT08AA0001** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60° 30'** LONG. **137° 39'**  
COTTONWOOD CREEK, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AA0002

FOR PERIOD 29 07/73 TO 29 07/73

60° 30'

LONG. 137° 39'

MARSH CREEK AT CAMPSITE, YUKON TERRITORY

[illegible]

STATION **00YT08AA0002** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60° 30'** LONG. **137° 39'**  
MARSH CREEK AT CAMPSITE, YUKON TERRITORY

[illegible]



## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AA0003

FOR PERIOD 29 07/73 TO 29 07/73

LAT 60° 31'

LONG 137° 26'

VICTORIA CREEK, YUKON TERRITORY

	100101L HARDNESS TOTAL	100101L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02013L TURBIDITY	00210L SATURATION INDEX	00211L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02041S SPECIFIC CONDUCT.
	(CALCD.) MG/L	PH UNITS	(CALCD.) MG/L	(CALCD.) MG/L	REL. UNITS		(CALCD.) PH UNITS	(CALCD.) PH UNITS	US/CM	US/CM
SAMPLES	1	1	1	1	1	1			1	
LOW	70.3	8.0	56	0	5	3.4			144	
HIGH	70.3	8.0	56	0	5	3.4			144	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	HCO3 (MG/L)	CO3 (MG/L)
SAMPLES		1	1						1	1
LOW		2	2						69	0
HIGH		2	2						69	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 (MG/L)	N (MG/L)	N (MG/L)	N (MG/L)	N (MG/L)	O2 (MG/L)	F (MG/L)	NA (MG/L)	PBL. UNITS	MG (MG/L)
SAMPLES	1		1					1	1	
LOW	1.1		0.02					1.7	0.09	
HIGH	1.1		0.02					1.7	0.09	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES



## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT08AA0004 FOR PERIOD 29 07 73 TO 29 07 73

LAT 60° 32' LONG 137° 26'

DUCK CREEK YUKON TERRITORY

13603L	10001L	10101L	10151L	02011L	02070L	03210L	03211L	03041L	02041L
HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
MG/L	PH UNITS	MG/L	MG/L	PCU UNITS	JTU	PERCENT	PERCENT	US/M	US/CM

SAMPLES	1	1	1	1	1	1	1
LOW	62.9	7.8	51	0	L5	0.4	128
HIGH	62.9	7.8	51	0	L5	0.4	128
AVERAGE							
STD.DEV							

PERCNT:10TH  
25TH  
MEDIAN 50TH  
75TH  
90TH

RA. KUP CODES:

[illegible]

SAMPLES	1	1
LOW	63	0
HIGH	63	0
AVERAGE		
STD.DEV		

PERCNT:10TH  
25TH  
MEDIAN 50TH  
75TH  
90TH

## BACKUP CODES

06401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	11201L	12102L
FREE CO2 (CALCD.)	NITROGEN TOTAL	NITROGEN DISSOLVED	NITROGEN DISSOLVED	NITROGEN DISSOLVED	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L

SAMPLES	1	1	1	1
LOW	1.6	0.08	1.0	0.05
HIGH	1.6	0.08	1.0	0.05
AVERAGE				
STD.DEV				

PERCNT:10TH  
25TH  
MEDIAN 50TH  
75TH  
90TH

HAROLD LOEB



STATION **00YT08AA0004** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60 ° 32 '** LONG. **137 ° 26 '**  
DUCK CREEK, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AA0005 FOR PERIOD 29 07 73 TO 29 07 73

LAT 60° 32' LONG 137° 22'

CLEAR CREEK, YUKON TERRITORY

[illegible]

PERCNT:10TH

25TH

MEDIAN 50TH

75TH

90TH

### BACKUP CODES

[illegible]

PERCNT:10TH

25TH

MEDIAN 50TH

75TH

90TH

## BACKUP CODES

[illegible]

PERCNT:10TH

25TH

MEDIAN 50TH

75TH

90TH

HAKRUP CODES



## WATER QUALITY DATA 1961-1973 (SUMMARY)

FOR PERIOD 29 07 73 TO 29 07 73

LONG 137 20'

GOAT CREEK, YUKON TERRITORY

[illegible][illegible][illegible]



STATION **00YT08AA0006** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60° 33'** LONG. **137° 20'**  
GOAT CREEK, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT08AB0001

FOR PERIOD 13 08 73 TO 13 08 73

LAT 60° 6'

LONG 137° 34'

CLIMBING CREEK YUKON TERRITORY

[illegible]

GA. RUE CODES

[illegible]

### BACKLIP CODES

[illegible]

HAKUF OUE



## WATER QUALITY DATA 1961-1973: SUMMARY.

STATION 00YT08AB0002

FOR PERIOD 26 08 73 TO 26 08 73

LAT 60° 18'

LONG 137° 28'

MUSH CREEK, YUKON TERRITORY

[illegible]

### BACKUP CODES

[illegible]

## BACKUP CODES

[illegible] $\Delta A_{\text{exp}} = 0.001$



STATION **00YT08AB0002** FOR PERIOD **26/08/73** TO **26/08/73**  
LAT. **60 ° 18 '** LONG. **137 ° 28 '**  
MUSH CREEK, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT08AB0003

FOR PERIOD 26 08 73 TO 26 08 73

LAT 60 ° 19 '

LONG 137 ° 30 '

BEAR CREEK, YUKON TERRITORY

	1000L HARDNESS TOTAL	PH	1000L ALKALINITY TOTAL	1000L ALKALINITY PHENOL- PHTHALEIN	2000L COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	1000L SPECIFIC CONDUCT.	1000L SPECIFIC CONDUCT.
	MG/L		MG/L	MG/L	REL. UNITS		PERCENT		CM/M	US/M
SAMPLES	1	1	1	1	1	1			1	
LOW	51.6	7.7	46	0	L5	L1			104	
HIGH	51.6	7.7	46	0	L5	L1			104	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONATE (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES									1	1
LOW									56	0
HIGH									56	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	09401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	1		1					1	1	
LOW	1.8		0.03					1.1	0.07	
HIGH	1.8		0.03					1.1	0.07	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

STATION **00YT08AB0003** FOR PERIOD **26/08/73** TO **26/08/73**  
LAT. **60 ° 19 '** LONG. **137 ° 30 '**  
BEAR CREEK, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AB0004

FOR PERIOD 26 08 73 TO 26 08 73

LAT 60 ° 15 '

LONG 137 ° 37 '

PLUM CREEK, YUKON TERRITORY

	10403L HARDNESS TOTAL	10401L PH	10401L ALKALINITY TOTAL	10451L ALKALINITY PHENOL+ PHTHALEIN CA. 03 MG. L.	02011L COLOUR APPARENT	02070L TURBIDITY	01210L SATURATION INDEX	01201L STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	MG. L.	PH. UNITS	CA. 03 MG. L.	CA. 03 MG. L.	REL. UNITS	JTU	(CALCD.) PH. UNITS	(CALCD.) PH. UNITS		
SAMPLES	1	1	1	1	1	1			1	
LOW	110.	8.2	95	0	L5	0.5			205	
HIGH	110.	8.2	95	0	L5	0.5			205	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS (CALCD.) MG. L.	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06201L CARBON TOTAL ORGANIC C MG. L.	06251L CARBON TOTAL INORGANIC C MG. L.	06101L CARBON DISSOLVED ORGANIC C MG. L.	06201L BICARBONT. (CALCD.) MG. L.	06301L CARBONATE (CALCD.) MG. L.
SAMPLES									1	1
LOW									116	0
HIGH									116	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.) CO2 MG. L.	07002L NITROGEN TOTAL KJELDAHL N MG. L.	07105L NITROGEN DISSOLVED NO3 & NO2 N MG. L.	07305L NITROGEN DISSOLVED NITRATE N MG. L.	07551L NITROGEN DISSOLVED AMMONIA N MG. L.	08401L OXYGEN CONSUMED O2 MG. L.	09105L FLUORIDE DISSOLVED F MG. L.	11103L SODIUM DISSOLVED NA MG. L.	11201L SODIUM ABSORPTION RATIO REL. UNITS	12102L MAGNESIUM DISSOLVED MG. L.
SAMPLES	1		1					1	1	
LOW	1.1		L.01					0.8	0.03	
HIGH	1.1		L.01					0.8	0.03	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										



## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AB0004

FOR PERIOD **26/08/73** TO **26/08/73**

LAT. 60° 15'

LONG 137° 37'

PLUM CREEK, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 - 5 SUMMARY

STATION 00YT08AB0005 FOR PERIOD 26 08 73 TO 26 08 73

60° 18' LONG. 137° 33'

SHAFT CREEK YUKON TERRITORY

[illegible]

BANKRUPT CONES

[illegible]

BACKUP CODES

[illegible]

1948 年 12 月 10 日



# WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT08AB0006 FOR PERIOD 26 08 73 TO 26 08 73

LAT 60 ° 12 ' LONG 137 ° 39 '

FIELD CREEK YUKON TERRITORY

	10601L HARDNESS TOTAL	10401L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02101 COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	NEUTRAL CONDUCT	NEUTRAL CONDUCT
	MG/L	PH UNITS	MG/L	MG/L	REL UNIT				CM	CM/CM
SAMPLES	1	1	1	1	1	1			1	
LOW	99.2	8.1	87	0	L5	0.2			183	
HIGH	99.2	8.1	87	0	L5	0.2			183	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	10203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06001L CARBON TOTAL INORGANIC	06001L CARBON DISSOLVED ORGANIC	06001L BICARBONTE (CALCD.)	06001L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES									1	1
LOW									106	0
HIGH									106	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	06401L OXYGEN CONSUMED	09106L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL UNITS	MG/L
SAMPLES	1		1					1	1	
LOW	1.3		0.01					0.7	0.03	
HIGH	1.3		0.01					0.7	0.03	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

10L



STATION 00YT08AB0006 FOR PERIOD 26/08/73 TO 26/08/73  
LAT. 60° 12' LONG. 137° 39'  
FIELD CREEK, YUKON TERRITORY

[illegible]

# WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT08AC0001** FOR PERIOD **13 08 73** TO **13 08 73**  
 LAT **60 ° 6 '** LONG **137 ° 25 '**  
 HIKING CREEK, YUKON TERRITORY

	10001L HARDNESS TOTAL  CALC'D ) MG/L	10001L PH  PH UNITS	10001L ALKALINITY TOTAL  CALC'D ) MG/L	10001L ALKALINITY PHENOL- PHTHALEIN CALC'D ) MG/L	10001L COLOUR APPEARANT  REL. UNITS	10001L TURBIDITY  JTU	10001L SATURATION INDEX  CALC'D ) PH UNITS	10001L STABILITY INDEX  CALC'D ) PH UNITS	10001L SPECIFIC CONDUCT  US/M	10001L SPECIFIC CONDUCT  US/M
SAMPLES	1	1	1	1	1	1			1	
LOW	60.7	7.8	59	0	L5	0.2			119	
HIGH	60.7	7.8	59	0	L5	0.2			119	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	00003L TOTAL DISSOLVED SOLIDS (CALCD ) MG/L	10401L RESIDUE NONFILTR.  MG/L	10501L RESIDUE FIXED NONFILTR.  MG/L	10451L RESIDUE FILTERABLE  MG/L	10551L RESIDUE FIXED FILTERABLE  MG/L	06001L CARBON TOTAL ORGANIC C MG/L	06051L CARBON TOTAL INORGANIC C MG/L	06101L CARBON DISSOLVED ORGANIC C MG/L	06201L BICARBONT. (CALCD.)  HCO3 MG/L	06401L CARBONATE (CALCD.)  CO3 MG/L
SAMPLES									1	1
LOW									72	0
HIGH									72	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)  CO2 MG/L	07002L NITROGEN TOTAL KJELDAHL  N MG/L	07105L NITROGEN DISSOLVED NO3 & NO2  N MG/L	07306L NITROGEN DISSOLVED NITRATE  N MG/L	07551L NITROGEN DISSOLVED AMMONIA  N MG/L	08401L OXYGEN CONSUMED  O2 MG/L	09106L FLUORIDE DISSOLVED  F MG/L	11103L SODIUM DISSOLVED  NA MG/L	11201L SODIUM ABSORPTION RATIO  REL. UNITS	12103L MAGNESIUM DISSOLVED  MG MG/L
SAMPLES	1		1					1	1	
LOW	1.8		L.01					0.9	0.05	
HIGH	1.8		L.01					0.9	0.05	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

100

STATION **00YT08AC0001** FOR PERIOD **13/08/73** TO **13/08/73**  
LAT **60° 6'** LONG. **137° 25'**  
HIKING CREEK, YUKON TERRITORY

[illegible]

# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AA0001** FOR PERIOD **05 03 69** TO **30 10 73**

LAT **60 ° 8 ' 5 "** LONG **134 ° 53 ' 45 "**

WHEATON RIVER AT W.S.C. GAUGE NEAR CARCROSS ABOUT 3 MILES ABOVE MOUTH  
YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	0004 MG./L.	PH UNITS	0003 MG./L.	0003 MG./L.	REL. UNITS	JTU	000001 PH. UNITS	000001 PH. UNITS	US CM	US CM
SAMPLES	9	9	9	9	9	9	8	8	9	
LOW	28.5	7.4	23	0	L5	0.2	-1.7	8.1	62	
HIGH	88.7	8.2	77	0	10	24.0	0.0	10.8	192	
AVERAGE	52.7	7.8	44	0	6	6.4	-0.8	9.4	113	
STD.DEV	20.7	0.2	19	0	2	8.5	0.6	0.9	48	
PERCNT:10TH	28.5	7.4	23	0	L5	0.2			62	
25TH	38.0	7.7	29	0	L5	1.7	-1.1	8.7	73	
MEDIAN 50TH	46.7	7.8	39	0	5	2.2	-1.0	9.7	103	
75TH	61.9	7.9	51	0	5	5.0	-0.4	10.0	141	
90TH	88.7	8.2	77	0	10	24.0			192	

BACKUP CODES

	00003L TOTAL DISSOLVED SOLIDS (CALCD.) MG./L.	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C MG./L.	06051L CARBON TOTAL INORGANIC C MG./L.	06101L CARBON DISSOLVED ORGANIC C MG./L.	06201L BICARBONT. (CALCD.) HCO3 MG./L.	06301L CARBONATE (CALCD.) CO3 MG./L.
SAMPLES	8	2	2	2	2	2	2		9	9
LOW	31	20	18	59	51	2.0	6.0		28	0
HIGH	102	54	52	122	86	41.0	14.0		93	0
AVERAGE	57	37	35	91	69	21.5	10.0		53	0
STD.DEV	26	24	24	45	25	27.6	5.7		23	0
PERCNT:10TH									28	0
25TH	38								35	0
MEDIAN 50TH	49	37	35	91	69	21.5	10.0		47	0
75TH	76								63	0
90TH									93	0

BACKUP CODES

	06401L FREE CO2 (CALCD.) CO2 MG./L.	07002L NITROGEN TOTAL KJELDAHL N MG./L.	07105L NITROGEN DISSOLVED NO3 & NO2 N MG./L.	07306L NITROGEN DISSOLVED NITRATE N MG./L.	07551L NITROGEN DISSOLVED AMMONIA N MG./L.	08401L OXYGEN CONSUMED O2 MG./L.	09105L FLUORIDE DISSOLVED F MG./L.	11103L SODIUM DISSOLVED NA MG./L.	11201L SODIUM ABSORPTION RATIO REL. UNITS	12302L MAGNESIUM DISSOLVED MG./L.
SAMPLES	9		7		4	2	6	9	9	
LOW	0.7		0.010		L.1	0.6	0.18	1.1	0.08	
HIGH	1.9		0.090		L.1	0.7	0.23	3.4	0.19	
AVERAGE	1.3		0.040			0.7	0.20	1.9	0.11	
STD.DEV	0.5		0.031			0.1	0.02	0.8	0.03	
PERCNT:10TH	0.7							1.1	0.08	
25TH	0.8		0.011		L.1		0.19	1.4	0.09	
MEDIAN 50TH	1.3		0.029		L.1	0.7	0.20	1.5	0.11	
75TH	1.8		0.061		L.1		0.21	2.5	0.12	
90TH	1.9							3.4	0.19	

BACKUP CODES

06L

04L



[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09AA0002 FOR PERIOD 27 08 70 TO 13 09 73

LAT 60 ° 8 ' 40 " LONG 134 ° 43 ' 6 "

TANK CREEK NEAR CARCROSS ABOUT 0.25 MILE DOWNSTREAM OF ABANDONED ARCTIC  
GOLD AND SILVER MINE TAILINGS POND YUKON TERRITORY

	10400L HARDNESS TOTAL	10401L PH	10402L ALKALINITY TOTAL	10403L ALKALINITY PHENOL- PHTHALEIN	10404L COLOUR APPARENT	10405L TURBIDITY	10406L SATURATION INDEX	10407L SATURATION INDEX	10408L SULPHATE CONDUCT.	10409L SULPHATE CONDUCT.
	MG/L	PH UNITS	MG/L	MG/L	REL. UNITS	ITU	REL. UNITS	REL. UNITS	CMH	CMH
SAMPLES	4	6	6	6	6	6	6	3	6	
LOW	18.9	7.1	15	0	10	0.4	-2.2	10.7	39	
HIGH	26.3	7.7	25	0	55	2.3	-1.5	11.7	76	
AVERAGE	22.9	7.4	21	0	26	1.0	-1.8	11.1	55	
STD.DEV	3.1	0.2	4	0	17	0.7	0.4	0.5	14	
PERCENT:10TH										
25TH	20.8	7.3	17	0	13	0.6			42	
MEDIAN 50TH	23.2	7.4	22	0	23	0.8	-1.8	10.9	55	
75TH	25.1	7.7	23	0	30	1.1			61	
90TH										

BACKUP CODES

	10401L TOTAL DISSOLVED SOLIDS	10402L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06201L CARBON TOTAL ORGANIC C	06202L CARBON TOTAL INORGANIC C	06203L CARBON DISSOLVED ORGANIC C	06204L BICARBONT. (CALCD.)	06205L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	3					3	2	1	6	6
LOW	20					2.5	3.0	2.5	18	0
HIGH	28					12.0	4.0	2.5	31	0
AVERAGE	24					6.8	3.5		25	0
STD.DEV	4					4.8	0.7		5	0
PERCENT:10TH										
25TH									21	0
MEDIAN 50TH	25					6.0	3.5		27	0
75TH									28	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07206L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	08402L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	6		3				1	3	3	2
LOW	0.9		L.001				0.18	1.0	0.08	1.9
HIGH	2.6		L.005				0.18	1.6	0.14	2.6
AVERAGE	1.6							1.2	0.11	2.3
STD.DEV	0.7							0.3	0.03	0.5
PERCENT:10TH										
25TH	1.0									
MEDIAN 50TH	1.4		L.001					1.1	0.10	2.3
75TH	2.0									
90TH										

BACKUP CODES

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09AA0002**FOR PERIOD **27/08/70** TO **13/09/73**LAT. **60 ° 8 ' 40 "** LONG. **134 ° 43 ' 6 "**TANK CREEK NEAR CARCROSS ABOUT 0.25 MILE DOWNSTREAM OF ABANDONED ARCTIC  
GOLD AND SILVER MINE TAILINGS POND, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		3		2	2	6	3	3	3	2
LOW		5.9		L.001	L.002	L.1.0	0.2	0.2	4.90	L.01
HIGH		6.9		0.007	0.007	4.7	1.4	0.8	8.00	L.01
AVERAGE		6.5		0.004	0.004	2.4	0.8	0.5	6.60	
STD.DEV		0.6		0.004	0.004	1.6	0.6	0.3	1.57	
PERCNT:10TH										
25TH						L.1.0				
MEDIAN 50TH		6.8		0.004	0.005	2.2	0.7	0.6	6.9	L.01
75TH						3.5				
90TH										
BACKUP CODES		02L							01L	04P 04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	5	2	5		1	2	1	5	2	
LOW	L.01	0.09	0.21		L.01	L.01	L.01	L.001	L.01	
HIGH	0.01	0.29	0.48		L.01	L.01	L.01	L.01	L.01	
AVERAGE	0.01	0.19	0.31							
STD.DEV	0.00	0.14	0.11							
PERCNT:10TH										
25TH	L.01		0.220					L.001		
MEDIAN 50TH	L.01	0.19	0.29			L.01		L.001	L.01	
75TH	L.01		0.36					L.01		
90TH										
BACKUP CODES		04P 04L	04P 02L		01P	06L 06P	06L	06P	04P 04L	
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	5	4		2				2		5
LOW	L.001	0.007		L.01				L.05		L.001
HIGH	L.01	0.010		L.01				L.05		L.01
AVERAGE		0.008								0.00
STD.DEV		0.002								0.00
PERCNT:10TH										
25TH	L.001	0.007								L.001
MEDIAN 50TH	L.001	0.008		L.01				L.05		0.001
75TH	L.01	0.010								L.01
90TH										
BACKUP CODES	04P							01L 01P		01P

LAT 60° 7' 20" LONG 134° 42' 26"

LAT 60° 7' 20" LONG 134° 42' 26"

STATION 00YT09AA0003 FOR PERIOD 25/07/73 TO 25/07/73  
LAT. 60° 7' 20" LONG. 134° 42' 26"  
CREEK ENTERING SWAMP AT SOUTH END, ARCTIC GOLD & SIVLER MINES, CARCROSS,  
YUKON TERRITORY

[illegible]



# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AA0006** FOR PERIOD **16 10 70** TO **16 10 70**  
 LAT **60 ° 4 ' 52 "** LONG **133 ° 51 ' 30 "**  
 LUBBOCK RIVER NEAR ATLIN, YUKON TERRITORY

	10603L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN CALCD.	02011L COLOUR APPARENT	02153L TURBIDITY	02101L SATURATION INDEX	02111L STABILITY INDEX	12141L SPECIFIC CONDUCT.	12141L SPECIFIC CONDUCT
	AS OF MG/L	PH UNITS	CALCD MG/L	MG/L	REL. UNITS	JTU	CALCD PERCENT	CALCD PERCENTS	CM/M	US/M
SAMPLES	1	1	1	1	1	1	1	1	1	1
LOW	59.3	8.1	57	0	5	3.4	-0.4	8.9	309	
HIGH	59.3	8.1	57	0	5	3.4	-0.4	8.9	309	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	10203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	0601L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	1	1	1						1	1
LOW	76	8	7						70	0
HIGH	76	8	7						70	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	0401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07036L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED O2	09405L FLUORIDE DISSOLVED F	11102L SODIUM DISSOLVED NA	11201L SODIUM ABSORPTION RATIO	12112L MAGNESIUM DISSOLVED MG
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	1		1		1		1	1	1	
LOW	0.9		0.011		L.1		0.16	3.9	0.22	
HIGH	0.9		0.011		L.1		0.16	3.9	0.22	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES



# WATER QUALITY DATA 1961-1972 SUMMARY

STATION **00YT09AA0007** FOR PERIOD **05 10 70** TO **02 12 70**

LAT **60 ° 17 ' 32 "** LONG **134 ° 18 ' 0 "**

TAGISH CREEK NEAR CARCROSS, YUKON TERRITORY

	100001L HARDNESS TOTAL	100002L PH	100003L ALKALINITY TOTAL	100004L ALKALINITY PHENOL- PHTHALEIN	100005L COLOUR APPARENT	100006L TURBIDITY	100007L SATURATION INDEX	100008L STABILITY INDEX	100009L SPECIFIC CONDUCT	100010L SPECIFIC CONDUCT
	MG/L	PERCENTS	MG/L	MG/L	PERCENTS	JTU	PERCENTS	PERCENTS	CM/M	CM/M
SAMPLES	3	3	3	2	3	3	3	3	3	
LOW	184.	8.2	175	0	15	1.0	0.7	6.4	351	
HIGH	190.	8.4	187	1	8	8.0	1.0	6.7	391	
AVERAGE	187.	8.3	182	1	6	3.4	0.9	6.6	373	
STD.DEV	3.	0.1	6	1	2	4.0	0.2	0.2	20	
PERCENT:10TH										
25TH										
MEDIAN 50TH	186.	8.4	185	1	5	1.2	0.9	6.6	377	
75TH										
90TH										

BACKUP CODES

	100011L TOTAL DISSOLVED SOLIDS (CALCD.)	100012L RESIDUE NONFILTR.	100013L RESIDUE FIXED NONFILTR.	100014L RESIDUE FILTERABLE	100015L RESIDUE FIXED FILTERABLE	100016L CARBON TOTAL ORGANIC C	100017L CARBON TOTAL INORGANIC C	100018L CARBON DISSOLVED ORGANIC C	100019L BICARBONT. (CALCD.)	100020L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	3								2	2
LOW	184								223	0
HIGH	194								228	1
AVERAGE	189								226	1
STD.DEV	5								4	1
PERCENT:10TH										
25TH										
MEDIAN 50TH	190								226	1
75TH										
90TH										

BACKUP CODES

	100021L FREE CO2 (CALCD.)	100022L NITROGEN TOTAL KJELDAHL	100023L NITROGEN DISSOLVED NO3 & NO2	100024L NITROGEN DISSOLVED NITRATE	100025L NITROGEN DISSOLVED AMMONIA	100026L OXYGEN CONSUMED	100027L FLUORIDE DISSOLVED	100028L SODIUM DISSOLVED	100029L SODIUM ABSORPTION RATIO	100030L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	PERCENTS	MG/L
SAMPLES	3		3		2		2	3	3	
LOW	1.3		1.005		1.1		0.07	4.1	0.13	
HIGH	2.2		0.040		0.1		0.08	4.4	0.14	
AVERAGE	1.6		0.025		0.1		0.08	4.2	0.13	
STD.DEV	0.5		0.018		0.0		0.01	0.2	0.01	
PERCENT:10TH										
25TH										
MEDIAN 50TH	1.4		0.030		0.1		0.08	4.2	0.13	
75TH										
90TH										

BACKUP CODES

STATION **00YT09AA0007** FOR PERIOD **05/10/70** TO **02/12/70**  
LAT. **60 ° 17 ' 32 "** LONG. **134 ° 18 ' 0 "**  
TAGISH CREEK NEAR CARCROSS, YUKON TERRITORY

[illegible]

WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AB0001** FOR PERIOD **27 08 61** TO **11 09 73**  
 LAT **60 ° 42 ' 50 "** LONG **135 ° 2 ' 35 "**  
 YUKON RIVER AT W.S.C. GAUGE AT WHITE HORSE YUKON TERRITORY

	100001 HARDNESS TOTAL	100001 PH	100001 ALKALINITY TOTAL	100001 ALKALINITY PHENOL- PHTHALEIN	100001 COLOUR APPARENT	100001 TURBIDITY	100001 SATURATION INDEX	100001 STABILITY INDEX	100001 SPECIFIC CONDUCT	100001 SPECIFIC CONDUCT
	MG/L	PERCENTS	MG/L	MG/L	REL. UNITS	JTU	PERCENTS	PERCENTS	UMH	UMH
SAMPLES	44	93	92	92	93	90	82	82	93	1
LOW	40.5	7.1	37	0	L5	L.1	-1.5	8.2	76	105
HIGH	100.	8.3	85	0	55	17.5	-0.2	10.1	190	105
AVERAGE	49.	7.7	43	0	7	1.9	-0.9	9.5	102	
STD.DEV	12.	0.2	7	0	6	2.9	0.3	0.4	17	
PERCENT:10TH	43.1	7.4	38	0	L5	L.1	-1.3	9.1	91	
25TH	44.6	7.5	39	0	L5	0.3	-1.1	9.3	94	
MEDIAN 50TH	46.1	7.7	41	0	5	1.1	-0.9	9.6	99	
75TH	49.6	7.9	44	0	8	2.5	-0.7	9.8	103	
90TH	53.1	8.0	48	0	10	4.3	-0.5	9.9	112	

BACKUP CODES

	100001 TOTAL DISSOLVED SOLIDS (CALCD.)	100001 RESIDUE NONFILTR.	100001 RESIDUE FIXED NONFILTR.	100001 RESIDUE FILTERABLE	100001 RESIDUE FIXED FILTERABLE	060001 CARBON TOTAL ORGANIC C	060001 CARBON TOTAL INORGANIC C	060001 CARBON DISSOLVED ORGANIC C	060001 BICARBONT. (CALCD.)	060001 CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	82	6	6	8	8	6	6		91	91
LOW	44	L1	L1	51	8	2.0	5.0		45	0
HIGH	106	57	54	72	59	9.0	12.0		104	0
AVERAGE	53	18	15	63	37	4.3	8.3		52	0
STD.DEV	10	20	20	8	18	2.5	2.6		9	0
PERCENT:10TH	47								46	0
25TH	48	4	L1	56	22	3.0	5.5		48	0
MEDIAN 50TH	50	13	10	63	42	3.5	9.0		50	0
75TH	54	18	15	70	50	5.0	9.0		53	0
90TH	59								59	0

BACKUP CODES

	064001 FREE CO2 (CALCD.)	070001 NITROGEN TOTAL KJELDAHL	071001 NITROGEN DISSOLVED NO3 & NO2	072001 NITROGEN DISSOLVED NITRATE	075001 NITROGEN DISSOLVED AMMONIA	080001 OXYGEN CONSUMED	090001 FLUORIDE DISSOLVED	111001 SODIUM DISSOLVED	112001 SODIUM ABSORPTION RATIO	120001 MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L
SAMPLES	92	2	52	36	36	23	43	90	87	47
LOW	0.4	L.5	L.001	0.000	L.1	L.5	0.07	0.7	0.05	1.3
HIGH	6.2	L.5	0.160	0.226	0.4	5.5	0.34	3.2	0.20	15.2
AVERAGE	2.0		0.019	0.037	0.1	1.7	0.13	1.2	0.08	3.1
STD.DEV	1.2		0.030	0.051	0.1	1.4	0.05	0.3	0.02	2.0
PERCENT:10TH	0.9		L.005	0.000	L.1	L.5	0.09	0.9	0.06	2.0
25TH	1.2		L.005	0.000	L.1	0.8	L.10	1.0	0.06	2.4
MEDIAN 50TH	1.8	L.5	L.005	0.023	L.1	1.2	0.12	1.1	0.07	2.9
75TH	2.5		0.023	0.068	L.1	1.7	0.14	1.3	0.08	3.2
90TH	3.2		0.045	0.090	0.1	4.2	0.18	1.4	0.09	3.6

BACKUP CODES

01L

00L 00L

00L 01L

02L 04L 03L

01L 02L





## WATER QUALITY DATA 1961-1973 - SUMMARY

STATION 00YT09AB0002 FOR PERIOD 19 06 69 TO 08 11 73

LAT 60 ° 36 ' 45 " LONG 134 ° 27 ' 27 "

MCLINTOCK RIVER AT W.S.C. GAUGE NEAR WHITEHORSE YUKON TERRITORY

	10601L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02311L COLOUR APPARENT	02171L TURBIDITY	00215L SATURATION INDEX	00211L STABILITY INDEX	02141L SPECIFIC CONDUCT.	02141L SPECIFIC CONDUCT
	MG/L	PH UNITS	CAL/03 MG/L	CAL/03 MG/L	REL. UNITS	ITU	(CAL/03) PERCENTS	(CAL/03) PERCENTS	UMH/M	UMH/M
SAMPLES	10	10	10	9	10	10	7	7	10	1
LOW	70.4	7.8	61	0	5	3.5	-0.3	7.5	131	160
HIGH	137.	8.4	135	1	100	110.	0.2	8.6	273	160
AVERAGE	91.	8.0	86	0	29	32.	-0.1	8.1	178	
STD.DEV	22.	0.2	24	0	31	37.	0.2	0.4	44	
PERCNT:10TH	71.3	7.8	64	0	5	3.6			134	
25TH	72.1	8.0	67	0	10	4.2	-0.2	7.7	141	
MEDIAN 50TH	87.0	8.0	79	0	20	16.0	-0.2	8.3	172	
75TH	96.0	8.1	94	0	30	51.0	0.2	8.4	190	
90TH	128.	8.3	125	1	85	94.			249	

BACKUP CODES

	06201L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06401L CARBON TOTAL ORGANIC C	06651L CARBON TOTAL INORGANIC C	06401L CARBON DISSOLVED ORGANIC C	06201L BICARBONAT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	7	9	9			4	4		9	9
LOW	73	4	1			9.0	11.1		81	0
HIGH	144	364	345			19.0	14.0		165	1
AVERAGE	92	98	90			13.5	12.8		108	0
STD.DEV	26	121	116			4.5	1.2		28	0
PERCNT:10TH		4	1						81	0
25TH	74	22	20			9.9	12.1		90	0
MEDIAN 50TH	79	47	38			12.9	13.0		97	0
75TH	102	117	110			17.0	13.5		112	0
90TH		364	345						165	1

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12100L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	10	1	7		4		8	10	10	1
LOW	0.7	L.5	L.001		L.1		L.05	1.3	0.07	4.6
HIGH	4.1	L.5	0.072		L.1		0.05	3.2	0.12	4.6
AVERAGE	1.6		0.016				0.05	2.0	0.09	
STD.DEV	1.0		0.025				0.00	0.6	0.02	
PERCNT:10TH	0.9							1.4	0.07	
25TH	1.1		L.005		L.1		L.05	1.4	0.07	
MEDIAN 50TH	1.4		L.005		L.1		L.05	1.9	0.09	
75TH	1.7		0.016		L.1		L.05	2.2	0.10	
90TH	3.3							2.9	0.11	

BACKUP CODES

06L



WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09AB0003 FOR PERIOD 13 05 70 TO 07 09 73

LAT 60 ° 38 ' 51 " LONG 134 ° 59 ' 15 "

YUKON RIVER AT WHITEHORSE COPPER MINES PUMPHOUSE (STATION 4)  
(FRESHWATER STORAGE FOR MILL) WHITEHORSE, YUKON TERRITORY

	10400L HARDNESS TOTAL	10401L PH	10403L ALKALINITY TOTAL	10404L ALKALINITY PHENOL- PHTHALEIN	02101L COLOUR APPARENT	02102L TURBIDITY	06200L SATURATION INDEX	06201L STABILITY INDEX	09100L SPECIFIC CONDUCT.	09100L SPECIFIC CONDUCT.
	03 MG/L	PH UNITS	04003 MG/L	04004 MG/L	REL. UNITS	JTU	REL. DIV. PER UNITS	REL. DIV. PER UNITS	CM/M	CM/M
SAMPLES	7	11	11	11	11	11	8	8	11	
LOW	43.7	6.9	40	0	L5	0.3	-0.5	7.6	93	
HIGH	258.	8.1	151	0	10	9.5	0.0	9.1	516	
AVERAGE	92.	7.7	89	0	7	3.6	-0.2	8.1	229	
STD.DEV	83.	0.3	45	0	2	3.0	0.2	0.5	140	
PERCNT:10TH		7.6	41	0	L5	0.5			93	
25TH	45.5	7.6	42	0	L5	0.6	-0.4	7.8	95	
MEDIAN 50TH	48.5	7.7	109	0	5	3.0	-0.1	7.9	257	
75TH	148.	8.0	129	0	10	5.3	-0.1	8.4	312	
90TH		8.0	132	0	10	8.0			325	

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10401L RESIDUE FILTERABLE	10501L RESIDUE FIXED FILTERABLE	06501L CARBON TOTAL ORGANIC C MG/L	06501L CARBON TOTAL INORGANIC C MG/L	06501L CARBON DISSOLVED ORGANIC C MG/L	06201L BICARBONT. (CALCD.) HCO3 MG/L	06201L CARBONATE (CALCD.) CO3 MG/L
SAMPLES	8					7	2	5	11	11
LOW	54					4.0	9.0	3.0	49	0
HIGH	331					13.5	10.0	18.0	184	0
AVERAGE	153					6.5	9.5	7.5	108	0
STD.DEV	86					3.5	0.7	6.4	55	0
PERCNT:10TH									49	0
25TH	90					4.0		3.6	51	0
MEDIAN 50TH	158					4.8	9.5	3.7	133	0
75TH	172					9.0		9.0	157	0
90TH									161	0

BACKUP CODES

	06401L FREE CO2 (CALCD.) CO2 MG/L	07002L NITROGEN TOTAL KJELDAHL N MG/L	07105L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07306L NITROGEN DISSOLVED NITRATE N MG/L	07501L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED O2 MG/L	09105L FLUORIDE DISSOLVED F MG/L	11103L SODIUM DISSOLVED NA MG/L	11204L SODIUM ABSORPTION RATIO REL. UNITS	12102L MAGNESIUM DISSOLVED MG/L
SAMPLES	11		8				2	8	8	5
LOW	0.7		0.020				0.07	1.2	0.07	2.8
HIGH	36.8		0.520				0.12	14.3	0.39	9.0
AVERAGE	6.0		0.188				0.10	6.1	0.22	7.4
STD.DEV	10.4		0.204				0.04	4.1	0.11	2.6
PERCNT:10TH	0.8									
25TH	0.9		0.031					3.3	0.14	7.9
MEDIAN 50TH	2.9		0.090				0.10	6.1	0.22	8.5
75TH	5.1		0.360					7.1	0.28	8.8
90TH	6.3									

BACKUP CODES

36L

[illegible]



FOR PERIOD 03 05 73 TO 07 09 73

LONG 135° 1' 54"

WHITEHORSE COPPER MINES DISCHARGE INTO CRATER LAKE FROM UNDER ROAD  
YUKON TERRITORY

[illegible]

### BACKUP CODES

[illegible]

## BACKUP CODES

[illegible]

BA KUP CODE:



# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AB0005** FOR PERIOD **04 05 73** TO **07 09 73**  
 LAT **60 ° 38 ' 35 "** LONG **135 ° 1 ' 57 "**  
 CREEK DRAINING CRATER LAKE, YUKON TERRITORY

	100001L HARDNESS TOTAL	104001L PH	105001L ALKALINITY TOTAL	104501L ALKALINITY PHENOL- PHTHALEIN	105501L COLOUR APPARENT	060001L TURBIDITY	060501L SATURATION INDEX	061001L STABILITY INDEX	062001L SPECIFIC CONDUCT	061501L SPECIFIC CONDUCT
	MG/L	PH UNITS	CA-03 MG/L	CA-03 MG/L	REL. UNITS	JTU	at App.Dex PH. UNITS	at App.Dex PH. UNITS	CM/M	CM/M
SAMPLES	4	4	4	4	4	4	1	1	4	
LOW	207.	7.6	102	0	5	0.5	0.5	7.0	474	
HIGH	254.	8.3	120	0	8	1.0	0.5	7.0	576	
AVERAGE	233.	7.9	109	0	6	0.7			537	
STD.DEV	23.	0.3	9	0	2	0.2			47	
PERCENT:10TH										
25TH	214.	7.7	102	0	5	0.6			501	
MEDIAN 50TH	236.	7.9	108	0	5	0.6			549	
75TH	253.	8.2	117	0	7	0.8			573	
90TH										

BACKUP CODES

	104003L TOTAL DISSOLVED SOLIDS (CALCD.)	104001L RESIDUE NONFILTR.	105001L RESIDUE FIXED NONFILTR.	104501L RESIDUE FILTERABLE	105501L RESIDUE FIXED FILTERABLE	060001L CARBON TOTAL ORGANIC C	060501L CARBON TOTAL INORGANIC C	061001L CARBON DISSOLVED ORGANIC C	062001L BICARBONT. (CALCD.)	061501L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	1					1	1		4	4
LOW	282					6.0	18.0		124	0
HIGH	282					6.0	18.0		146	0
AVERAGE									133	0
STD.DEV									11	0
PERCENT:10TH										
25TH									124	0
MEDIAN 50TH									131	0
75TH									142	0
90TH										

BACKUP CODES

	064001L FREE CO2 (CALCD.)	070002L NITROGEN TOTAL KJELDAHL	071005L NITROGEN DISSOLVED NO3 & NO2	073006L NITROGEN DISSOLVED NITRATE	075501L NITROGEN DISSOLVED AMMONIA	084001L OXYGEN CONSUMED	091005L FLUORIDE DISSOLVED	111003L SODIUM DISSOLVED	112001L SODIUM ABSORPTION RATIO	121002L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	4		1				1	1	1	
LOW	1.1		0.750				0.14	14.9	0.45	
HIGH	4.9		0.750				0.14	14.9	0.45	
AVERAGE	2.9									
STD.DEV	1.6									
PERCENT:10TH										
25TH	1.7									
MEDIAN 50TH	2.7									
75TH	4.0									
90TH										

BACKUP CODES

066



## WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AC0001** FOR PERIOD **27 03 69** TO **01 07 73**LAT **60 ° 51 ' 8 "** LONG **135 ° 44 ' 21 "**TAKHINI RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY ABOUT 25  
MILES NORTHWEST OF WHITEHORSE, YUKON TERRITORY

	100001L HARDNESS TOTAL	100011L PH	100001L ALKALINITY TOTAL	100011L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02011L TURBIDITY	06001L SATURATION INDEX	06001L STABILITY INDEX	06001L SPECIFIC CONDUCT.	06001L SPECIFIC CONDUCT.
	CA-03 MG/L	PH-UNITS	CA-03 MG/L	CA-03 MG/L	REL-UNITS	ITU	ICA-03 PH-UNITS	ICA-03 PH-UNITS	US-M	US-M
SAMPLES	10	10	10	9	10	10	9	9	10	1
LOW	17.2	7.1	16	0	L5	3.0	-2.3	8.9	43	55
HIGH	54.9	8.2	53	0	60	72.0	-0.5	11.8	120	55
AVERAGE	33.8	7.7	33	0	11	22.9	-1.1	9.9	74	
STD.DEV	13.3	0.3	13	0	17	25.6	0.6	1.0	27	
PERCNT:10TH	18.9	7.2	18	0	L5	3.4	-2.3	8.9	46	
25TH	21.3	7.5	21	0	L5	4.2	-1.4	9.2	51	
MEDIAN 50TH	33.9	7.8	33	0	5	6.0	-1.0	9.6	67	
75TH	42.9	7.9	42	0	10	40.0	-0.7	10.4	97	
90TH	50.8	8.1	48	0	35	63.5	-0.5	11.8	109	

BACKUP CODES

	060003L TOTAL DISSOLVED SOLIDS (CALCD.)	104011L RESIDUE NONFILTR.	105011L RESIDUE FIXED NONFILTR.	104011L RESIDUE FILTERABLE	105011L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06001L CARBON TOTAL INORGANIC C	06001L CARBON DISSOLVED ORGANIC C	06001L BICARBONT. (CALCD.)	06001L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	9	7	7			5	5		9	9
LOW	21	L1	L1			2.0	2.0		19	0
HIGH	66	168	154			7.0	17.0		65	0
AVERAGE	40	36	32			4.2	7.6		39	0
STD.DEV	15	61	57			2.3	5.9		16	0
PERCNT:10TH	21								19	0
25TH	29	1	L1			2.0	4.0		26	0
MEDIAN 50TH	44	3	3			4.0	6.0		31	0
75TH	48	55	51			6.0	9.0		51	0
90TH	66								65	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL-UNITS	MG/L
SAMPLES	10	1	9		3	1	9	10	10	
LOW	0.5	L.5	0.020		L.1	1.8	L.05	1.0	0.09	
HIGH	2.6	L.5	0.140		L.1	1.8	0.22	2.8	0.16	
AVERAGE	1.4		0.057				0.18	1.6	0.12	
STD.DEV	0.7		0.038				0.05	0.6	0.02	
PERCNT:10TH	0.6		0.020				L.05	1.0	0.09	
25TH	1.0		0.025				0.17	1.1	0.10	
MEDIAN 50TH	1.3		0.060		L.1		0.18	1.4	0.11	
75TH	2.0		0.068				0.20	1.8	0.12	
90TH	2.5		0.140				0.22	2.5	0.15	

BACKUP CODES

06L

04L





## WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AE0001** FOR PERIOD **24 06 67** TO **14 10 73**LAT **60 ° 29 ' 7 "** LONG **133 ° 18 ' 4 "**

TESLIN RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY AT JOHNSON'S CROSSING, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	CALC'D MG/L	PH UNITS	CALC'D MG/L	CALC'D MG/L	PCU		PERCENT	PERCENT	CM/M	CM/M
SAMPLES	45	46	46	45	46	46	41	41	46	1
LOW	55.5	7.2	49	0	L5	0.1	-1.0	8.5	102	135
HIGH	71.2	8.2	66	0	15	3.2	-0.2	9.3	162	135
AVERAGE	63.6	7.9	59	0	9	0.8	-0.5	8.8	131	
STD.DEV	4.1	0.2	4	0	3	0.6	0.2	0.2	11	
PERCENT:10TH	57.6	7.6	53	0	5	0.2	-0.7	8.6	117	
25TH	61.6	7.8	56	0	10	0.3	-0.6	8.7	123	
MEDIAN 50TH	63.8	7.9	59	0	10	0.6	-0.5	8.9	131	
75TH	66.3	8.0	61	0	10	1.2	-0.3	9.0	139	
90TH	69.1	8.1	63	0	10	1.4	-0.3	9.1	143	

BACKUP CODES

	01203L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	10401L RESIDUE NONFILTR. MG/L	10501L RESIDUE FIXED NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	08001L CARBON TOTAL ORGANIC C MG/L	08101L CARBON TOTAL INORGANIC MG/L	06101L CARBON DISSOLVED ORGANIC C MG/L	06001L BICARBONT. (CALCD.) MG/L	06102L CARBONATE (CALCD.) MG/L
SAMPLES	41	1	1			4	4		45	45
LOW	59	12	5			3.0	8.6		60	0
HIGH	80	12	5			10.9	12.0		81	0
AVERAGE	67					7.5	10.9		72	0
STD.DEV	4					3.4	1.6		5	0
PERCENT:10TH	63								65	0
25TH	64					5.0	9.8		69	0
MEDIAN 50TH	67					8.0	11.5		72	0
75TH	69					10.0	12.0		74	0
90TH	73								77	0

BACKUP CODES

	06401L FREE CO2 (CALCD.) MG/L	07302L NITROGEN TOTAL KJELDAHL N MG/L	07105L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07305L NITROGEN DISSOLVED NITRATE N MG/L	07501L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED MG/L	09105L FLUORIDE DISSOLVED MG/L	11103L SODIUM DISSOLVED MG/L	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED MG/L
SAMPLES	46	1	43		10	7	20	46	45	1
LOW	0.7	L.5	L.001		L.1	2.3	0.07	0.9	0.05	4.9
HIGH	8.1	L.5	0.120		0.3	4.3	0.18	4.1	0.21	4.9
AVERAGE	1.7		0.038		0.1	3.4	0.12	1.5	0.08	
STD.DEV	1.2		0.029		0.1	0.8	0.03	0.4	0.02	
PERCENT:10TH	0.9		L.005		L.1		L.10	1.2	0.07	
25TH	1.1		0.009		L.1	2.4	0.10	1.4	0.07	
MEDIAN 50TH	1.5		0.040		0.1	3.3	0.12	1.5	0.08	
75TH	1.8		0.050		0.2	4.2	0.13	1.6	0.09	
90TH	2.8		0.070		0.3		0.16	1.7	0.09	

BACKUP CODES



# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09AG0001**

FOR PERIOD **25 05 69 TO 22 06 73**

LAT **61° 52' 22"** LONG **134° 50' 0"**

BIG SALMON RIVER AT W.S.C. GAUGE NEAR CARMACKS ABOUT 3 MILES ABOVE MOUTH  
YUKON TERRITORY

	10001L HARDNESS TOTAL	10001L PH	10001L ALKALIMITY TOTAL	10001L ALKALIMITY PHENOL- PHTHALEIN	10001L COLOUR APPARENT	10001L TURBIDITY	10001L SATURATION INDEX	10001L STABILITY INDEX	10001L SPECIFIC CONDUCT.	10001L SPECIFIC CONDUCT
	OR MILL	PH UNITS	CALCD MILL	CALCD MILL	REL. UNITS	UTU	CALCD PERCENTS	CALCD PERCENTS	U. M	U. M
SAMPLES	12	12	12	12	12	12	11	11	12	
LOW	46.1	7.6	38	0	L5	1.0	-1.0	7.2	89	
HIGH	136.	8.3	123	0	100	58.0	0.5	9.7	283	
AVERAGE	84.	8.0	73	0	20	15.6	-0.2	8.3	167	
STD.DEV	32.	0.3	29	0	29	20.7	0.5	0.8	64	
PERCNT:10TH	46.5	7.6	39	0	L5	2.2	-0.9	7.5	97	
25TH	51.4	7.7	42	0	L5	2.4	-0.8	7.7	104	
MEDIAN 50TH	86.1	8.0	74	0	5	5.9	-0.1	8.1	169	
75TH	103.	8.3	88	0	25	19.0	0.2	9.3	204	
90TH	131.	8.3	113	0	50	57.0	0.3	9.4	250	

BACKUP CODES

	10200L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06200L CARBON TOTAL ORGANIC C	06101L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06101L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	11	4	4			4	4		12	12
LOW	48	21	13			1.0	8.0		47	0
HIGH	144	296	257			9.0	22.0		150	0
AVERAGE	92	153	133			3.8	16.5		89	0
STD.DEV	34	131	121			3.6	6.5		35	0
PERCNT:10TH	50								48	0
25TH	54	43	31			1.5	11.5		52	0
MEDIAN 50TH	105	148	132			2.5	18.0		91	0
75TH	111	263	236			6.0	21.5		107	0
90TH	136								138	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07302L NITROGEN TOTAL KUJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07501L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	111030L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	12		11		4		8	12	12	
LOW	0.8		L.001		L.1		L.05	0.5	0.03	
HIGH	2.2		0.150		0.4		0.71	2.0	0.07	
AVERAGE	1.5		0.058		0.2		0.16	1.3	0.06	
STD.DEV	0.5		0.047		0.2		0.22	0.5	0.01	
PERCNT:10TH	0.8		0.009					0.7	0.04	
25TH	1.1		0.018		L.1		0.06	0.8	0.05	
MEDIAN 50TH	1.3		0.057		L.1		0.09	1.3	0.06	
75TH	2.0		0.100		0.3		0.10	1.6	0.07	
90TH	2.1		0.120					1.9	0.07	

BACKUP CODES

06L

04L

[illegible]



# WATER QUALITY DATA 1961-1971 SUMMARY

STATION **00YT09AH0001** FOR PERIOD **05 09 69** TO **24 07 73**  
 LAT **62° 5' 45"** LONG **136° 16' 18"**  
 YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE MAYO HWY BRIDGE ABOUT 0.5  
 MILE NORTH OF CARMACKS YUKON TERRITORY

	10001L HARDNESS TOTAL	10002L PH	10003L ALKALINITY TOTAL	10004L ALKALINITY PHENOL- PHTHALEIN	10005L COLOUR APPARENT	10006L TURBIDITY	10007L SATURATION INDEX	10008L STABILITY INDEX	10009L SPECIFIC CONDUCT.	10010L SPECIFIC CONDUCT
	AS OF MO/L	PERCENTS	AS OF MG/L	AS OF MG/L	REL. UNITS	JTU	AS OF PERCENTS	AS OF PERCENTS	US/M	US/M
SAMPLES	12	12	12	12	12	12	9	9	12	1
LOW	58.8	7.5	52	0	L5	2.5	-0.7	8.5	118	125
HIGH	77.7	8.2	67	0	20	16.0	-0.2	9.1	146	125
AVERAGE	63.3	7.9	57	0	8	5.0	-0.4	8.8	128	
STD.DEV	5.8	0.2	5	0	5	3.7	0.2	0.2	10	
PERCNT:10TH	59.3	7.6	53	0	L5	2.6	-0.7	8.5	119	
25TH	59.7	7.7	54	0	5	2.9	-0.5	8.5	121	
MEDIAN 50TH	61.0	7.9	55	0	5	3.7	-0.4	8.8	125	
75TH	63.9	8.1	58	0	9	5.6	-0.3	9.0	136	
90TH	72.1	8.1	65	0	15	6.4	-0.2	9.1	144	

BACKUP CODES

	10003L TOTAL DISSOLVED SOLIDS (CALCD.)	10004L RESIDUE NONFILTR.	10005L RESIDUE FIXED NONFILTR.	10006L RESIDUE FILTERABLE	10007L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06002L CARBON TOTAL INORGANIC C	06003L CARBON DISSOLVED ORGANIC C	06004L BICARBONT. (CALCD.)	06005L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	9	3	3			3	3		12	12
LOW	62	19	18			0.0	0.0		64	0
HIGH	80	64	45			11.9	14.0		81	0
AVERAGE	69	36	28			4.3	7.5		69	0
STD.DEV	6	24	15			6.6	7.1		6	0
PERCNT:10TH	62								64	0
25TH	65								66	0
MEDIAN 50TH	66	26	22			1.0	8.6		67	0
75TH	73								70	0
90TH	80								79	0

BACKUP CODES

	04011L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07005L NITROGEN DISSOLVED NO3 & NO2	07006L NITROGEN DISSOLVED NITRATE	07005L NITROGEN DISSOLVED AMMONIA	08001L OXYGEN CONSUMED	09006L FLUORIDE DISSOLVED	11003L SODIUM DISSOLVED	11001L SODIUM ABSORPTION RATIO	12002L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	12	1	9		1	1	6	12	12	
LOW	0.7	L.5	L.005		L.1	0.8	0.08	1.1	0.06	
HIGH	3.3	L.5	0.090		L.1	0.8	0.98	2.1	0.11	
AVERAGE	1.7		0.046				0.25	1.5	0.08	
STD.DEV	0.8		0.033				0.36	0.3	0.01	
PERCNT:10TH	0.8		L.005					1.2	0.07	
25TH	1.1		0.020				0.09	1.3	0.07	
MEDIAN 50TH	1.5		0.040				0.11	1.5	0.08	
75TH	2.3		0.070				0.11	1.6	0.09	
90TH	2.7		0.090					1.6	0.09	

BACKUP CODES

06L

STATION **00YT09AH0001** FOR PERIOD **05/09/69** TO **24/07/73**  
LAT. **62 ° 5 ' 45 "** LONG. **136 ° 16 ' 18 "**  
YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE-MAYO HWY BRIDGE ABOUT 0.5  
MILE NORTH OF CARMACKS, YUKON TERRITORY

	13101L	4101L	15413L	15363L	15255L	16303L	17203L	19103L	20103L	25101L
	ALUMINUM DISSOLVED	SILICA REACTIVE	PHOSPHORUS TOTAL	PHOSPHORUS DISSOLVED	PHOSPHORUS DISSOLVED	SULPHATE DISSOLVED	CHLORIDE DISSOLVED	POTASSIUM DISSOLVED	CALCIUM DISSOLVED	MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	PHOSPHATE P MG/L	INORG. PO4 P MG/L	ORTHO PO4 P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		10	2	3	4	12	12	12	12	2
LOW		3.3	L.005	L.001	L.002	6.2	0.2	0.5	16.8	L.01
HIGH		5.9	0.037	L.001	L.002	10.9	1.2	1.1	22.3	L.01
AVERAGE		5.2	0.021			8.4	0.4	0.7	18.4	
STD.DEV		0.8	0.023			1.4	0.3	0.2	1.5	
PERCENT:10TH		3.8				6.8	0.2	0.5	16.8	
25TH		5.0			L.002	7.3	0.2	0.6	17.9	
MEDIAN 50TH		5.4	0.021	L.001	L.002	8.4	0.3	0.7	18.0	L.01
75TH		5.8			L.002	9.3	0.5	0.8	18.9	
90TH		5.9				10.3	0.7	1.0	19.6	
BACKUP CODES		02L 05L	06L		59L 57L	01L	06L		01L	04L

	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
SAMPLES	4	5	1	1	1	3	2	1	3	2
LOW	L.01	L.001	0.40	L.001	L.001	L.001	L.01	0.001	0.001	L.01
HIGH	0.02	0.010	0.40	L.001	L.001	0.009	L.01	0.001	0.006	L.01
AVERAGE	0.01	0.005				0.004			0.004	
STD.DEV	0.01	0.005				0.004			0.003	
PERCENT:10TH										
25TH	L.01	L.001								
MEDIAN 50TH	L.01	L.001				0.002	L.01		0.005	L.01
75TH	0.02	0.010								
90TH										
BACKUP CODES	04L		04P				06L			06L

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09BA0001** FOR PERIOD **11 06 69** TO **16 10 73**LAT **61° 59' 40"** LONG **132° 22' 40"**

ROSS RIVER AT W.S.C. GAUGE AT ROSS RIVER YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	MG/L	PH UNITS	MG/L	MG/L	REL. UNITS	JTU	REL. UNITS	PH UNITS	US. CM	US. CM
SAMPLES	14	14	14	14	13	14	13	13	14	
LOW	20.1	7.1	19	0	L5	0.9	-1.6	7.6	48	
HIGH	131.	8.3	92	0	70	68.0	0.3	10.9	260	
AVERAGE	76.	7.8	51	0	25	19.5	-0.7	9.2	156	
STD.DEV	31.	0.3	21	0	23	21.5	0.5	0.9	62	
PERCNT:10TH	48.1	7.5	32	0	5	1.1	-1.3	8.0	98	
25TH	48.5	7.7	33	0	5	2.2	-1.1	8.8	101	
MEDIAN 50TH	75.9	7.9	49	0	20	11.5	-0.6	9.0	161	
75TH	101.	8.0	67	0	50	29.0	-0.4	9.7	208	
90TH	114.	8.2	79	0	55	55.0	0.1	10.0	242	

BACKUP CODES

	03203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	13	6	6			6	6		14	14
LOW	22	4	2			2.0	4.0		23	0
HIGH	143	157	148			9.0	20.0		112	0
AVERAGE	81	67	59			5.5	10.2		62	0
STD.DEV	34	58	54			2.7	5.9		25	0
PERCNT:10TH	54								39	0
25TH	54	8	5			4.0	6.0		40	0
MEDIAN 50TH	81	64	59			5.0	8.5		59	0
75TH	108	104	84			8.0	14.0		81	0
90TH	122								96	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L
SAMPLES	14		13		4		10	14	14	
LOW	0.6		L.005		L.1		0.07	0.6	0.04	
HIGH	8.6		0.110		0.3		0.17	1.9	0.08	
AVERAGE	1.8		0.033		0.2		0.10	1.2	0.06	
STD.DEV	2.1		0.039		0.1		0.03	0.4	0.01	
PERCNT:10TH	0.7		L.005				0.08	0.8	0.05	
25TH	0.8		L.005		0.1		0.09	0.9	0.06	
MEDIAN 50TH	1.1		0.011		0.2		0.10	1.2	0.06	
75TH	1.6		0.040		0.3		0.10	1.6	0.07	
90TH	3.0		0.110				0.14	1.7	0.07	

BACKUP CODES

06L

04L

[illegible]

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09BC0001** FOR PERIOD **13 10 67** TO **02 12 73**

LAT **61 ° 59 ' 12 "** LONG **132 ° 26 ' 54 "**

PELLY RIVER AT W.S.C. GAUGE NEAR SUSPENSION BRIDGE AT ROSS RIVER  
YUKON TERRITORY

	10001L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02501L TURBIDITY	02001L SATURATION INDEX	02011L STABILITY INDEX	02001L SPECIFIC CONDUCT.	02001L SPECIFIC CONDUCT.
	CA1003 MG/L	PH UNITS	CA5003 MG/L	CA1003 MG/L	REL. UNITS	JTU	REL. UNITS	PH UNITS	US / M	CM / M
SAMPLES	47	47	46	47	46	46	40	40	47	1
LOW	71.0	7.3	60	0	L5	0.3	-0.7	7.1	140	205
HIGH	194.	8.7	149	7	100	95.0	0.7	8.7	367	205
AVERAGE	138.	8.0	105	0	15	14.1	0.1	7.7	272	
STD.DEV	30.	0.3	22	1	19	23.6	0.3	0.5	59	
PERCNT:10TH	95.8	7.6	71	0	L5	0.6	-0.3	7.2	187	
25TH	119.	7.9	91	0	5	1.5	-0.1	7.3	232	
MEDIAN 50TH	139.	8.0	105	0	10	2.9	0.2	7.7	276	
75TH	162.	8.1	120	0	17	13.0	0.4	7.8	315	
90TH	180.	8.3	136	0	30	54.0	0.5	8.5	349	

BACKUP CODES

	022001L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	MG/L
SAMPLES	40	10	10	1	1	7	7		46	46
LOW	82	8	7	173	151	1.0	10.4		73	0
HIGH	206	430	400	173	151	11.0	31.0		182	8
AVERAGE	151	104	88			6.2	18.1		127	0
STD.DEV	32	123	117			4.0	6.9		27	2
PERCNT:10TH	105	12	9						87	0
25TH	130	51	25			2.0	12.0		111	0
MEDIAN 50TH	151	62	51			6.0	19.0		125	0
75TH	177	115	91			10.4	21.0		145	0
90TH	196	297	271						166	0

BACKUP CODES

	36401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11204L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	MG/L	MG/L	N MG/L	MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	46	1	39		9	5	18	47	47	
LOW	0.4	L.5	L.001		L.1	0.8	0.07	0.5	0.02	
HIGH	9.5	L.5	0.360		0.1	7.4	0.20	3.3	0.11	
AVERAGE	2.6		0.065		0.1	3.4	0.11	1.6	0.06	
STD.DEV	2.1		0.075		0.0	2.8	0.03	0.6	0.02	
PERCNT:10TH	0.9		L.005		L.1		0.08	1.0	0.04	
25TH	1.3		L.005		L.1	1.7	0.09	1.1	0.04	
MEDIAN 50TH	1.8		0.061		L.1	1.8	0.11	1.4	0.06	
75TH	3.2		0.090		L.1	5.2	0.13	1.9	0.07	
90TH	6.0		0.118		0.1		0.18	2.3	0.08	

BACKUP CODES

06L

04L



STATION **00YT09BC0001** FOR PERIOD **13/10/67** TO **02/12/73**  
LAT. **61° 59' 12"** LONG. **132° 26' 54"**  
PELLY RIVER AT W.S.C. GAUGE NEAR SUSPENSION BRIDGE AT ROSS RIVER,  
YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL DISSOLVED PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4 P	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P	16303L SULPHATE DISSOLVED SO4	17203L CHLORIDE DISSOLVED CL	19103L POTASSIUM DISSOLVED K	20103L CALCIUM DISSOLVED CA	25101L MANGANESE DISSOLVED MN
SAMPLES	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
LOW		43	5	7	12	45	46	46	46	11
HIGH		1.2	0.010	L.001	L.002	16.0	L.1	0.4	21.4	L.010
AVERAGE		9.2	0.054	0.016	0.010	48.9	1.2	1.3	53.7	0.12
STD.DEV		5.7	0.020	0.004	0.003	34.6	0.3	0.7	38.0	0.02
		1.4	0.019	0.006	0.002	8.8	0.2	0.2	8.2	0.03
PERCENT:10TH		4.2			L.002	23.2	0.1	0.5	26.5	L.010
25TH		4.9	0.010	L.001	L.002	29.3	0.2	0.5	33.0	L.01
MEDIAN 50TH		5.9	0.010	L.001	L.002	34.4	0.2	0.6	37.6	L.01
75TH		6.5	0.016	0.005	0.003	43.1	0.5	0.8	44.1	L.01
90TH		7.1			0.005	45.7	0.6	1.0	49.5	L.010

## BACKUP CODES

	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	5	16	1	1	1	11	4	1	11	4
LOW	L.01	L.001	0.38	L.001	0.001	L.001	L.01	0.001	L.001	L.01
HIGH	0.03	0.10	0.38	L.001	0.001	L.01	L.01	0.001	0.021	L.01
AVERAGE	0.01	0.02				0.01			0.008	
STD.DEV	0.01	0.02				0.00			0.006	
PERCENT:10TH		L.001				0.001			0.003	
25TH	L.01	0.010				0.002	L.01		0.003	L.01
MEDIAN 50TH	L.01	0.015				0.003	L.01		L.01	L.01
75TH	L.01	0.030				L.01	L.01		L.01	L.01
90TH		0.030				L.01			0.010	

## BACKUP CODES

[illegible]

## BACKUP CODES

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09BC0002 FOR PERIOD 05 09 69 TO 26 11 73

LAT 62° 49' 47" LONG 136 34' 50"

PELLY RIVER AT W.S.C. GAUGE AT BRIDGE ON WHITEHORSE MAYO HWY AT PELLY CROSSING, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	TEMPERATURE CONDUCT
	MG/L		MG/L	MG/L						
SAMPLES	18	18	18	18	18	17	15	15	18	1
LOW	63.7	7.6	47	0	15	0.8	-1.0	6.7	128	185
HIGH	192.	8.4	146	0	70	90.0	0.9	9.6	386	185
AVERAGE	134.	8.0	98	0	17	21.7	0.1	7.8	267	
STD.DEV	40.	0.2	30	0	20	30.8	0.5	0.7	77	
PERCNT:10TH	67.3	7.6	51	0	15	0.8	-0.5	7.0	138	
25TH	107.	7.7	76	0	5	3.5	-0.1	7.3	212	
MEDIAN 50TH	137.	8.0	104	0	5	7.3	0.2	7.7	281	
75TH	168.	8.2	115	0	20	18.0	0.4	8.1	329	
90TH	190.	8.3	145	0	60	81.0	0.5	8.8	377	

BACKUP CODES

	10200L TOTAL DISSOLVED SOLIDS	10400L RESIDUE NONFILTR.	10500L RESIDUE FIXED NONFILTR.	10450L RESIDUE FILTERABLE	10550L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC C	CARBON TOTAL INORGANIC C	CARBON DISSOLVED ORGANIC C	BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	14	9	9	1	1	4	5		18	18
LOW	74	11	4	128	72	5.0	0.0		58	0
HIGH	209	293	252	128	72	18.0	26.0		177	0
AVERAGE	156	81	67			10.6	14.3		120	0
STD.DEV	40	94	86			5.8	11.1		36	0
PERCNT:10TH	104	11	4						63	0
25TH	128	23	8			6.0	9.3		92	0
MEDIAN 50TH	167	38	33			9.6	11.0		127	0
75TH	177	74	63			15.1	25.0		140	0
90TH	207	293	252						177	0

BACKUP CODES

	06400L FREE CO2 (CALCD.)	07000L NITROGEN TOTAL KJELDAHL	07100L NITROGEN DISSOLVED NO3 & NO2	07200L NITROGEN DISSOLVED NITRATE	07300L NITROGEN DISSOLVED AMMONIA	08400L OXYGEN CONSUMED	09100L FLUORIDE DISSOLVED	11100L SODIUM DISSOLVED	11200L SODIUM ABSORPTION RATIO	12100L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	18	1	13		1		8	18	18	
LOW	0.8	1.5	1.005		0.1		0.07	0.7	0.04	
HIGH	5.6	1.5	1.50		0.1		0.79	3.4	0.13	
AVERAGE	2.1		0.19				0.18	2.1	0.08	
STD.DEV	1.4		0.40				0.25	0.9	0.03	
PERCNT:10TH	1.0		1.005					0.8	0.04	
25TH	1.2		0.040				0.09	1.4	0.06	
MEDIAN 50TH	1.6		0.100				0.10	2.1	0.07	
75TH	2.6		0.120				0.11	2.9	0.10	
90TH	5.2		0.150					3.3	0.11	

BACKUP CODES

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09BC0003 FOR PERIOD 09 07 69 TO 12 09 73

LAT 62° 20' 22" LONG 133° 22' 30"

ROSE CREEK (NORTH FORK) AT BRIDGE ABOVE ANVIL MINE, FARO  
YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	MG/L	UNIT	MG/L	MG/L	REL. UNITS				CMH	CMH
SAMPLES	7	10	9	10	10	10	4	4	10	
LOW	33.0	7.1	26	0	5	0.2	-1.4	8.4	76	
HIGH	76.5	8.2	90	0	60	140.	-0.5	9.9	415	
AVERAGE	63.5	7.7	63	0	23	57.	-0.9	9.2	164	
STD.DEV	16.3	0.4	19	0	20	56	0.4	0.8	92	
PERCNT:10TH		7.2	26	0	5	0.6			93	
25TH	48.9	7.3	56	0	5	1.6	-1.3	8.5	127	
MEDIAN 50TH	69.4	7.8	66	0	15	52.0	-0.9	9.2	152	
75TH	76.4	8.0	73	0	40	120	-0.6	9.9	153	
90TH		8.2	90	0	55	130			289	

BACKUP CODES

	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06111L CARBON DISSOLVED ORGANIC C	0001L BICARBON. (CALCD.)	0001L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	4	5	5			3	1	1	9	9
LOW	39	299	283			6.5	6.0	6.3	31	0
HIGH	241	842	827			19.0	6.0	6.3	110	0
AVERAGE	105	558	525			11.2			77	0
STD.DEV	93	229	228			6.8			23	0
PERCNT:10TH									31	0
25TH	47	409	396						68	0
MEDIAN 50TH	70	490	421			8.0			80	0
75TH	163	748	700						89	0
90TH									110	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KUJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	9		4					4	4	2
LOW	0.9		L.001					1.1	0.07	5.0
HIGH	11.0		L.005					8.9	0.29	9.2
AVERAGE	3.2							3.2	0.13	7.1
STD.DEV	3.5							3.8	0.11	3.0
PERCNT:10TH	0.9									
25TH	1.0		L.003					1.1	0.08	
MEDIAN 50TH	1.6		L.005					1.4	0.08	7.1
75TH	2.9		L.005					5.3	0.19	
90TH	11.0									

BACKUP CODES





## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09BC0004

FOR PERIOD 09 07 69 TO 31 10 73

LAT 62° 20' 3"

LONG 133° 23' 22"

ROSE CREEK, FRESHWATER AT ANVIL MINE PUMPHOUSE, FARO, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT.
	MG/L	PH UNITS	CA <sub>CO3</sub> MG/L	CA <sub>CO3</sub> MG/L	REL. UNITS	JTU	CA <sub>CO3</sub> PH UNITS	PH UNITS	US/M	M
SAMPLES	13	18	17	18	18	17	9	9	18	
LOW	33.2	6.7	24	0	5	0.1	-2.2	6.4	52	
HIGH	260.	8.0	228	0	120	7.0	0.8	11.1	475	
AVERAGE	75.	7.6	64	0	24	2.1	-0.8	9.0	147	
STD.DEV	61.	0.3	49	0	27	1.9	0.9	1.4	98	
PERCNT:10TH	37.3	7.0	33	0	10	0.4	-2.2	6.4	78	
25TH	43.4	7.5	38	0	10	1.0	-1.5	8.2	90	
MEDIAN 50TH	46.6	7.7	42	0	15	1.1	-0.7	9.1	105	
75TH	96.6	7.8	87	0	30	3.4	-0.3	10.1	204	
90TH	105.	8.0	101	0	60	5.0	0.8	11.1	220	

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	10401L RESIDUE NONFILTR. MG/L	10501L RESIDUE FIXED NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L	10551L RESIDUE FIXED FILTERABLE MG/L	06201L CARBON TOTAL ORGANIC C MG/L	06201L CARBON TOTAL INORGANIC C MG/L	06101L CARBON DISSOLVED ORGANIC C MG/L	06201L BICARBONTE (CALCD.) HCO <sub>3</sub> MG/L	06101L CARBONATE (CALCD.) CO <sub>3</sub> MG/L
SAMPLES	9	1	1			8	3	4	17	17
LOW	31	27	16			2.0	8.0	3.0	30	0
HIGH	278	27	16			18.5	46.0	18.5	278	0
AVERAGE	93					7.9	23.7	7.5	78	0
STD.DEV	76					5.6	19.9	7.4	60	0
PERCNT:10TH	31								40	0
25TH	48					3.7		3.6	46	0
MEDIAN 50TH	72					6.0	17.0	4.2	51	0
75TH	104					11.5		11.4	106	0
90TH	278								123	0

BACKUP CODES

	06401L FREE CO <sub>2</sub> (CALCD.) CO <sub>2</sub> MG/L	07002L NITROGEN TOTAL KJELDAHL N MG/L	07105L NITROGEN DISSOLVED NO <sub>3</sub> & NO <sub>2</sub> N MG/L	07306L NITROGEN DISSOLVED NITRATE N MG/L	07551L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED O <sub>2</sub> MG/L	09105L FLUORIDE DISSOLVED F MG/L	11103L SODIUM DISSOLVED NA MG/L	11201L SODIUM ABSORPTION RATIO REL. UNITS	12102L MAGNESIUM DISSOLVED MG/L
SAMPLES	17		10				2	10	10	4
LOW	1.1		L.005				0.12	0.2	0.02	1.6
HIGH	9.4		0.650				0.21	8.3	0.22	5.4
AVERAGE	3.2		0.093				0.17	2.2	0.10	3.6
STD.DEV	2.4		0.198				0.06	2.3	0.05	1.6
PERCNT:10TH	1.3		L.005					0.6	0.04	
25TH	1.6		L.005					1.0	0.07	2.4
MEDIAN 50TH	2.3		0.028				0.17	1.6	0.09	3.6
75TH	3.3		0.059					2.3	0.10	4.7
90TH	7.9		0.375					5.8	0.18	

BACKUP CODES

06L

STATION **00YT09BC0004** FOR PERIOD **09/07/69** TO **31/10/73**  
LAT. **62 ° 20 ' 3 "** LONG. **133 ° 23 ' 22 "**  
ROSE CREEK, FRESHWATER AT ANVIL MINE PUMPHOUSE, FARO, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09BC0005** FOR PERIOD **09 10 69** TO **12 09 73**LAT **62° 21' 2"** LONG **133° 26' 38"**ROSE CREEK AT END OF OLD TRAIL BELOW ANVIL MINES TAILINGS POND, FARO  
YUKON TERRITORY

	10001L HARDNESS TOTAL	10001L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02211L COLOUR APPARENT	02211L TURBIDITY	01210L SATURATION INDEX	02211L STABILITY INDEX	02211L SPECIFIC CONDUCT.	02211L SPECIFIC CONDUCT
	(CALCD.) MG/L	PH UNITS	(CALCD.) MG/L	(CALCD.) MG/L	REL. UNITS	JTU	(CALCD.) PH UNITS	(CALCD.) PH UNITS	US/CM	US/CM
SAMPLES	7	13	12	12	13	12	6	6	13	
LOW	76.0	5.6	23	0	15	1.0	-2.1	7.7	85	
HIGH	182.	8.1	118	0	120	72.0	-0.1	10.9	589	
AVERAGE	100.	7.4	64	0	26	24.1	-0.8	9.0	270	
STD.DEV	37.	0.7	25	0	30	26.8	0.8	1.3	159	
PERCNT:10TH		6.8	37	0	5	1.2			102	
25TH	79.7	7.3	47	0	13	3.9	-1.5	8.2	193	
MEDIAN 50TH	89.6	7.6	70	0	20	11.0	-0.4	8.5	225	
75TH	100.	7.8	74	0	20	46.0	-0.2	10.3	320	
90TH		7.9	77	0	40	68.0			526	

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONATE (CALCD.)	06101L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	6	5	5			6	1	4	11	11
LOW	42	118	85			4.4	24.0	3.4	28	0
HIGH	333	474	434			17.0	24.0	15.0	94	0
AVERAGE	144	275	247			9.6		9.2	72	0
STD.DEV	107	141	140			5.3		5.6	22	0
PERCNT:10TH									45	0
25TH	59	168	150			6.0		4.5	46	0
MEDIAN 50TH	120	282	234			7.4		9.3	84	0
75TH	191	334	333			15.5		14.0	88	0
90TH									91	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	12		7				1	7	6	4
LOW	1.1		L.005				0.21	1.0	0.07	2.2
HIGH	7.2		0.150				0.21	42.0	1.35	6.0
AVERAGE	3.5		0.047					9.4	0.38	4.0
STD.DEV	2.2		0.056					14.6	0.48	2.0
PERCNT:10TH	1.3									
25TH	2.0		L.005					2.4	0.15	2.3
MEDIAN 50TH	2.7		0.010					3.4	0.20	4.0
75TH	5.2		0.079					9.0	0.33	5.8
90TH	7.0									

BACKUP CODES

[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09BC0006 FOR PERIOD 06 02 73 TO 31 10 73

LAT 62° 21' 41" LONG 133° 25' 38"

ROSE CREEK BELOW ANVIL MINES TAILINGS POND NEAR AIR STRIP, FARO  
YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	RESISTANCE CONDUCT
	MG/L	PH UNITS	MG/L	MG/L	PCU	NTU	%	%	CMH	CMH
SAMPLES	8	7	8	7	7	5	1	1	5	
LOW	50.0	7.5	37	0	10	1.7	-0.2	8.0	152	
HIGH	172.	8.2	104	0	30	90.0	-0.2	8.0	585	
AVERAGE	93.	7.9	71	0	17	41.2			308	
STD.DEV	36.	0.3	20	0	8	37.7			160	
PERCENT:10TH										
25TH	77.7	7.6	61	0	10	12.3			192	
MEDIAN 50TH	83.9	7.9	71	0	20	39.0			239	
75TH	98.	8.1	81	0	20	67.5			427	
90TH										

BACKUP CODES

	30263L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	4601L CARBON TOTAL ORGANIC	4601L CARBON TOTAL INORGANIC	4610L CARBON DISSOLVED ORGANIC	4621L BICARBONATE (CALCD.)	4631L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	2	6	6			2	2		7	7
LOW	81	9	3			5.0	9.0		67	0
HIGH	321	363	332			12.0	21.0		127	0
AVERAGE	201	194	175			8.5	15.0		92	0
STD.DEV	170	125	121			4.9	8.5		20	0
PERCENT:10TH										
25TH		142	132						82	0
MEDIAN 50TH	201	174	143			8.5	15.0		87	0
75TH		302	295						109	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07206L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	8411L OXYGEN CONSUMED	8421L FLUORIDE DISSOLVED	8431L SODIUM DISSOLVED	11001L SODIUM ABSORPTION RATIO	12112L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	7		2				1	2	2	
LOW	1.1		0.070				0.21	8.6	0.53	
HIGH	6.4		0.260				0.21	40.2	1.33	
AVERAGE	2.3		0.165					24.4	0.93	
STD.DEV	1.9		0.134					22.3	0.57	
PERCENT:10TH										
25TH	1.1									
MEDIAN 50TH	1.4		0.165					24.4	0.93	
75TH	3.2									
90TH										

BACKUP CODES







## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09BC0007** FOR PERIOD **05 06 73** TO **13 08 73**LAT. **62 ° 19 ' 33 "** LONG **133 ° 21 ' 0 "**

ROSE CREEK AT INFLOW INTO ANVIL MINES RESERVOIR FARO, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	00241L SPECIFIC CONDUCT.	00241L SPECIFIC CONDUCT.
				14501L MG/L				14501L PH UNITS	00241L US/M	00241L US/M
SAMPLES	5	5	5	5	5	5	1	1	5	
LOW	21.9	7.5	20	0	5	0.1	-1.6	10.8	47	
HIGH	38.1	7.8	34	0	30	2.3	-1.6	10.8	79	
AVERAGE	31.6	7.6	29	0	13	0.9			66	
STD.DEV	6.1	0.1	6	0	10	0.8			12	
PERCNT:10TH										
25TH	30.6	7.5	27	0	8	0.5			63	
MEDIAN 50TH	32.5	7.7	30	0	10	0.6			68	
75TH	34.9	7.7	32	0	10	0.8			74	
90TH										

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	10401L RESIDUE NONFILTR. MG/L	13501L RESIDUE FIXED NONFILTR. MG/L	10451L RESIDUE FILTERABLE MG/L	00203L RESIDUE FIXED FILTERABLE MG/L	36001L CARBON TOTAL ORGANIC C MG/L	36051L CARBON TOTAL INORGANIC C MG/L	36101L CARBON DISSOLVED ORGANIC C MG/L	06201L BICARBONT. (CALCD.) HCO <sub>3</sub> MG/L	06301L CARBONATE (CALCD.) CO <sub>3</sub> MG/L
SAMPLES	1					1	1		5	5
LOW	26					8.0	4.0		24	0
HIGH	26					8.0	4.0		42	0
AVERAGE									35	0
STD.DEV									7	0
PERCNT:10TH										
25TH									33	0
MEDIAN 50TH									37	0
75TH									39	0
90TH										

BACKUP CODES

	36401L FREE CO <sub>2</sub> (CALCD.) MG/L	07000L NITROGEN TOTAL KJELDAHL N MG/L	07105L NITROGEN DISSOLVED NO <sub>3</sub> & NO <sub>2</sub> N MG/L	07306L NITROGEN DISSOLVED NITRATE N MG/L	07505L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED MG/L	09105L FLUORIDE DISSOLVED MG/L	11103L SODIUM DISSOLVED NA MG/L	11201L SODIUM ABSORPTION RATIO REL. UNITS	12102L MAGNESIUM DISSOLVED MG/L
SAMPLES	5		1					1	1	
LOW	1.0		0.010					1.0	0.09	
HIGH	1.6		0.010					1.0	0.09	
AVERAGE	1.2									
STD.DEV	0.2									
PERCNT:10TH										
25TH	1.2									
MEDIAN 50TH	1.2									
75TH	1.2									
90TH										

BACKUP CODES

URL



# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09BC0008** FOR PERIOD **15 03 73** TO **03 12 73**

LAT **63 ° 13 ' 20 "** LONG **133 ° 22 ' 40 "**

PELLY RIVER BELOW VANGORDA CREEK, YUKON TERRITORY

	10601L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10161L ALKALINITY PHENOL- PHTHALEIN	02511L COLOUR APPARENT	02071L TURBIDITY	02081L SATURATION INDEX	02091L STABILITY INDEX	06001L SPEED OF CONDUCT.	06001L SPEED OF CONDUCT.
	MG/L	PH UNITS	CALCD MG/L	CALCD MG/L	REL. UNITS	JTU	CALCD PERCENT	PERCENT	M	CM/M
SAMPLES	6	6	6	6	5	6	2	2	6	1
LOW	61.0	7.7	46	0	5	0.6	-0.5	7.0	122	195
HIGH	180.	8.2	128	0	20	69.0	0.5	8.8	389	195
AVERAGE	109.	8.0	81	0	10	15.4	0.0	7.9	222	
STD.DEV	40.	0.2	27	0	7	27.1	0.7	1.3	90	
PERCENT:10TH										
25TH	91.2	7.7	69	0	5	0.7			184	
MEDIAN 50TH	104.	8.0	78	0	5	2.1	0.0	7.9	206	
75TH	114.	8.2	86	0	15	18.0			223	
90TH										

BACKUP CODES

	06203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06001L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06001L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	2	2	2			1	1		6	6
LOW	67	24	12			12.0	10.5		56	0
HIGH	201	94	74			12.0	10.5		156	0
AVERAGE	134	59	43						98	0
STD.DEV	95	49	44						33	0
PERCENT:10TH										
25TH									84	0
MEDIAN 50TH	134	59	43						95	0
75TH									105	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07206L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	PERCENT	MG MG/L
SAMPLES	6	1	1				2	6	6	
LOW	0.8	L.5	0.070				0.05	0.7	0.04	
HIGH	3.3	L.5	0.070				0.09	2.4	0.08	
AVERAGE	1.9						0.07	1.4	0.06	
STD.DEV	1.1						0.03	0.6	0.02	
PERCENT:10TH										
25TH	1.0							1.0	0.04	
MEDIAN 50TH	1.8						0.07	1.2	0.05	
75TH	2.7							1.7	0.07	
90TH										

BACKUP CODES

06L



WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09CA0001

FOR PERIOD 02 03 73 TO 20 08 73

LAT 61° 27' 8" LONG 139° 30' 56"

NICKEL CREEK ABOVE HUDSON-YUKON MINE WATER OUTFALL, YUKON TERRITORY

	10403L HARDNESS TOTAL	10401L PH	10404L ALKALINITY TOTAL	10405L ALKALINITY PHENOL- PHTHALEIN	02111L COLOUR APPARENT	02003L TURBIDITY	10406L SATURATION INDEX	02002L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02042L SPECIFIC CONDUCT.
	MG/L	PH UNITS	MG/L	MG/L	REL. UNITS	JTU	PERCENT	PERCENT	UMH	UMH
SAMPLES	6	6	6	4	6	6	2	2	6	
LOW	81.5	7.8	54	0	5	0.3	0.0	6.3	157	
HIGH	320.	8.3	148	0	15	0.9	1.0	8.1	565	
AVERAGE	142.	8.0	79	0	8	0.5	0.5	7.2	268	
STD.DEV	89.	0.2	35	0	5	0.2	0.7	1.3	150	
PERCNT:10TH										
25TH	90.6	7.9	60	0	5	0.3			177	
MEDIAN 50TH	115.	8.0	68	0	5	0.4	0.5	7.2	229	
75TH	128.	8.1	77	0	15	0.6			254	
90TH										

BACKUP CODES

	06203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10405L RESIDUE FILTERABLE	10501L RESIDUE FIXED FILTERABLE	06201L CARBON TOTAL ORGANIC C	06201L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBON. (CALCD.)	06201L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	2					1	1		4	4
LOW	110					L.5	32.0		65	0
HIGH	382					L.5	32.0		94	0
AVERAGE	246								80	0
STD.DEV	192								14	0
PERCNT:10TH										
25TH									69	0
MEDIAN 50TH	246								81	0
75TH									92	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07501L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L
SAMPLES	6		1				1	2	2	
LOW	0.9		0.220				L.05	1.4	0.06	
HIGH	1.9		0.220				L.05	4.6	0.11	
AVERAGE	1.5							3.0	0.09	
STD.DEV	0.4							2.3	0.04	
PERCNT:10TH										
25TH	1.3									
MEDIAN 50TH	1.4							3.0	0.09	
75TH	1.8									
90TH										

BACKUP CODES

061

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09CA0001**

FOR PERIOD **02/03/73** TO **20/08/73**

LAT. **61 ° 27 ' 8 "** LONG. **139 ° 30 ' 56 "**

NICKEL CREEK ABOVE HUDSON-YUKON MINE WATER OUTFALL, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		2		2	2	6	2	2	2	1
LOW		6.0		L.001	L.002	22.2	0.5	0.4	28.2	L.01
HIGH		9.3		L.001	L.002	172.	0.7	0.7	96.3	L.01
AVERAGE		7.7				60.	0.6	0.6	62.3	
STD.DEV		2.3				56.	0.1	0.2	48.2	
PERCNT:10TH										
25TH						29.9				
MEDIAN 50TH		7.7		L.001	L.002	42.2	0.6	0.6	62.3	
75TH						54.0				
90TH										
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBL.	26102L IRON DISSOLVED	26305P IRON EXTRBL.	27302P COBALT EXTRBL.	28302P NICKEL EXTRBL.	29105L COPPER DISSOLVED	29305L COPPER EXTRBL.	29305P COPPER EXTRBL.	30105L ZINC DISSOLVED	30305L ZINC EXTRBL.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	6		6			1		6	1	
LOW	L.01		0.022			0.003		0.003	0.006	
HIGH	L.01		0.15			0.003		L.01	0.006	
AVERAGE			0.08					0.00		
STD.DEV			0.05					0.00		
PERCNT:10TH										
25TH	L.01		0.06					0.003		
MEDIAN 50TH	L.01		0.07					0.004		
75TH	L.01		0.12					0.005		
90TH										
BACKUP CODES			04P					06P		
	30305P ZINC EXTRBL.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBL.	47301P SILVER EXTRBL.	48302P CADMIUM EXTRBL.	56301P BARIUM EXTRBL.	80311P MERCURY EXTRBL.	82103L LEAD DISSOLVED	82302L LEAD EXTRBL.	82302P LEAD EXTRBL.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	6	4		1			1			6
LOW	L.001	L.005		L.01			L50.			L.001
HIGH	L.01	0.011		L.01			L50.			0.010
AVERAGE	0.00	0.006								0.004
STD.DEV	0.00	0.003								0.005
PERCNT:10TH										
25TH	L.001	L.005								L.001
MEDIAN 50TH	0.004	L.005								L.001
75TH	0.007	0.008								L.01
90TH										
BACKUP CODES	04P						01P			01P



# WATER QUALITY DATA 1961-1972 SUMMARY

STATION **00YT09CA0002**

FOR PERIOD **02 03 73 TO 24 10 73**

LAT **61 ° 27 ' 28 "**

LONG **139 ° 27 ' 31 "**

GULL CREEK BELOW CONFLUENCE WITH NICKEL CREEK ABOUT 4 MILES WEST OF HUDSON YUKON MINE MILL, YUKON TERRITORY

	10001L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN CALCD.	12011L COLOUR APPARENT	12070L TURBIDITY	06040L SATURATION INDEX	06030L STABILITY INDEX	10040L SPECIFIC CONDUCT.	10040L SPECIFIC CONDUCT
	MG/L	PH UNITS	CALCD. MG/L	CALCD. MG/L	REL. UNITS	JTU	CALCD. PH UNITS	PH UNITS	CM/CM	US/CM
SAMPLES	7	7	7	6	7	7	2	2	7	
LOW	128.	8.1	112	0	L5	0.3	0.9	6.0	245	
HIGH	328.	8.8	222	11	30	36.0	1.2	6.4	565	
AVERAGE	198.	8.3	149	2	11	6.8	1.1	6.2	372	
STD.DEV	65.	0.2	37	5	9	13.0	0.2	0.3	107	
PERCENT:10TH										
25TH	146.	8.1	115	0	5	0.4			274	
MEDIAN 50TH	184.	8.3	142	0	10	1.5	1.1	6.2	351	
75TH	214.	8.4	159	2	15	6.1			429	
90TH										

BACKUP CODES

	06020L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06030L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06010L BICARBONT. (CALCD.)	06010L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	2	1	1			2	2		6	6
LOW	238	6	4			L.5	16.0		137	0
HIGH	372	6	4			10.0	39.0		194	14
AVERAGE	305					5.2	27.5		162	3
STD.DEV	95					6.7	16.3		21	6
PERCENT:10TH										
25TH									140	0
MEDIAN 50TH	305					5.3	27.5		164	0
75TH									173	2
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11101L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	7		1				1	2	2	
LOW	0.5		0.580				L.05	7.0	0.17	
HIGH	2.1		0.580				L.05	7.3	0.22	
AVERAGE	1.5							7.2	0.20	
STD.DEV	0.5							0.2	0.04	
PERCENT:10TH										
25TH	1.0									
MEDIAN 50TH	1.7							7.2	0.20	
75TH	1.7									
90TH										

BACKUP CODES

0601



WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09CA0003

FOR PERIOD 02 03 73 TO 24 10 73

LAT 61° 26' 57" LONG 139° 28' 28"

QUILL CREEK ABOVE CONFLUENCE WITH NICKEL CREEK YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	TEMPERATURE
	MG/L	PH UNITS	MG/L	MG/L	REL. UNITS	JTU	PERCENT PHENOLICS	PERCENTS	CM/M	DEGREES CENTIGRADE
SAMPLES	7	7	7	6	7	7	2	2	7	
LOW	145.	8.1	106	0	15	0.3	0.5	6.5	287	
HIGH	226.	8.8	174	12	40	65.0	0.9	7.2	434	
AVERAGE	190.	8.3	150	3	13	11.6	0.7	6.9	366	
STD.DEV	34.	0.3	27	5	13	23.7	0.3	0.5	55	
PERCNT:10TH										
25TH	148.	8.1	117	0	5	0.8			309	
MEDIAN 50TH	203.	8.2	165	0	10	2.1	0.7	6.9	388	
75TH	221.	8.5	168	3	15	9.0			411	
90TH										

BACKUP CODES

	30203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONATE (CALCD.)	06251L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	2	1	1			2	2		6	6
LOW	165	3	2			1.5	13.0		129	0
HIGH	254	3	2			4.0	32.0		205	15
AVERAGE	210					2.2	22.5		173	3
STD.DEV	63					2.5	13.4		30	6
PERCNT:10TH										
25TH									143	0
MEDIAN 50TH	210					2.3	22.5		183	0
75TH									194	4
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11204L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	7		1				1	2	2	
LOW	0.5		0.270				0.06	3.8	0.14	
HIGH	2.3		0.270				0.06	7.3	0.21	
AVERAGE	1.4							5.6	0.18	
STD.DEV	0.6							2.5	0.05	
PERCNT:10TH										
25TH	1.0									
MEDIAN 50TH	1.3							5.6	0.18	
75TH	2.0									
90TH										

BACKUP CODES

06L



WATER QUALITY DATA 1961-1973 15 JANUARY

STATION 00YT09CA0004

FOR PERIOD 02 03 73 TO 20 08 73

112° 61° 30' 17" LONG 139° 19' 26"

QUILL CREEK BELOW HUDSON-YUKON MINE TAILINGS POND, YUKON TERRITORY

	10000L HARDNESS TOTAL	PH	10000L ALKALINITY TOTAL	10000L ALKALINITY PHENOL- PHTHALEIN CALCD MG/L	10000L COLOUR APPARENT	10000L TURBIDITY	10000L SATURATION INDEX	10000L STABILITY INDEX	10000L SPEC. CONDUCT	10000L SPEC. CONDUCT
	MG/L		MG/L	MG/L	REL. UNITS	JT	AL. O <sub>2</sub> PH. UNITS	AL. O <sub>2</sub> PH. UNITS	REL. UNITS	REL. UNITS
SAMPLES	5	5	5	4	5	5			4	
LOW	130.	8.0	106	0	15	0.3			257	
HIGH	707.	8.3	1323	0	80	84.0			3573	
AVERAGE	269.	8.2	367	0	33	21.9			958	
STD.DEV	246.	0.1	535	0	27	35.1			1463	
PERCNT:10TH										
25TH	155	8.1	122	0	20	4.2			288	
MEDIAN 50TH	169.	8.1	135	0	20	6.2			313	
75TH	184	8.3	150	0	30	15.0			357	
90TH										

BACKUP CODES

	10000L TOTAL DISSOLVED SOLIDS CALCD MG/L	10000L RESIDUE NONFILTR.	10000L RESIDUE FIXED NONFILTR.	10000L RESIDUE FILTERABLE	10000L RESIDUE FIXED FILTERABLE	10000L CARBON TOTAL ORGANIC	10000L CARBON TOTAL INORGANIC	10000L CARBON DISSOLVED ORGANIC	10000L BICARBONATE (CALCD.)	10000L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES		3	3			1	1		4	4
LOW		4	11			33.0	264.		129	0
HIGH		29	19			33.0	264.		183	0
AVERAGE		13	8						157	0
STD.DEV		14	10						23	0
PERCNT:10TH										
25TH									139	0
MEDIAN 50TH		5	3						157	0
75TH									174	0
90TH										

BACKUP CODES

	064001L FREE CO <sub>2</sub> (CALCD.)	070002L NITROGEN TOTAL KJELDAHL	071005L NITROGEN DISSOLVED NO <sub>3</sub> & NO <sub>2</sub>	072006L NITROGEN DISSOLVED NITRATE	073007L NITROGEN DISSOLVED AMMONIA	084011L OXYGEN CONSUMED	091005L FLUORIDE DISSOLVED	111007L SODIUM DISSOLVED	112008L SODIUM ABSORPTION RATIO	121002L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	5		1				1			
LOW	1.3		2.80				1.10			
HIGH	12.6		2.80				1.10			
AVERAGE	4.0									
STD.DEV	4.8									
PERCNT:10TH										
25TH	1.9									
MEDIAN 50TH	2.0									
75TH	2.3									
90TH										

BACKUP CODES





WATER QUALITY DATA 1961-1973 - SUMMARY -

STATION **00YT09CA0005** FOR PERIOD **02 03 73** TO **02 03 73**  
 LAT **61° 25' 37"** LONG **139° 3' 1"**  
 KLUANE RIVER AT W.S.C. GAUGE BELOW KLUANE LAKE, YUKON TERRITORY

	106201L HARDNESS TOTAL	109001L PH	103001L ALKALINITY TOTAL	101001L ALKALINITY PHENOL- PHTHALEIN	020011L COLOUR APPARENT	020070L TURBIDITY	002011L SATURATION INDEX	002011L STABILITY INDEX	102001L SPECIFIC CONDUCT	102001L SPECIFIC CONDUCT
	CA (03) MG/L	PH UNITS	CA (03) MG/L	CA (03) MG/L	REL. UNITS	JTU	CA (03) PH UNITS	CA (03) PH UNITS	US CM	
SAMPLES	1	1	1		1	1	1	1	1	
LOW	148.	8.1	100		5	0.7	0.3	7.6	296	
HIGH	148.	8.1	100		5	0.7	0.3	7.6	296	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										
	002003L TOTAL DISSOLVED SOLIDS (CALCD.)	104001L RESIDUE NONFILTR.	105001L RESIDUE FIXED NONFILTR.	104001L RESIDUE FILTERABLE	105001L RESIDUE FIXED FILTERABLE	060001L CARBON TOTAL ORGANIC C	060001L CARBON TOTAL INORGANIC C	060001L CARBON DISSOLVED ORGANIC C	060001L BICARBONT (CALCD.)	060001L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	1					1	1			
LOW	169					3.0	18.0			
HIGH	169					3.0	18.0			
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										
	064001L FREE CO2 (CALCD.)	070002L NITROGEN TOTAL KJELDAHL	071005L NITROGEN DISSOLVED NO3 & NO2	073006L NITROGEN DISSOLVED NITRATE	075501L NITROGEN DISSOLVED AMMONIA	084001L OXYGEN CONSUMED	091006L FLUORIDE DISSOLVED	111000L SODIUM DISSOLVED	112000L SODIUM ABSORPTION RATIO	121000L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	1		1				1	1	1	
LOW	1.5		0.040				0.11	2.6	0.09	
HIGH	1.5		0.040				0.11	2.6	0.09	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										

STATION **00YT09CA0005** FOR PERIOD **02/03/73** TO **02/03/73**  
LAT. **61° 25' 37"** LONG. **139° 3' 1"**  
KLUANE RIVER AT W.S.C. GAUGE BELOW KLUANE LAKE, YUKON TERRITORY

[illegible]

# WATER QUALITY DATA 1961-1974 SUMMARY

STATION **00YT09CD0001** FOR PERIOD **03 04 73** TO **11 12 73**  
 LAT **63° 8' 59"** LONG **139° 33' 10"**  
 YUKON RIVER ABOVE WHITE RIVER YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	MG/L		MG/L	MG/L	REL. UNIT				CM/M	CM/M
SAMPLES	5	5	5	5	5	5	1	1	5	
LOW	69.6	7.5	4	0	L5	0.2	-0.3	8.4	137	
HIGH	88.5	8.0	75	0	40	54.0	-0.3	8.4	188	
AVERAGE	79.8	7.7	57	0	16	17.5			162	
STD.DEV	8.7	0.2	30	0	16	23.4			22	
PERCNT:10TH										
25TH	72.4	7.7	63	0	5	1.7			147	
MEDIAN 50TH	80.2	7.7	68	0	5	3.5			158	
75TH	88.2	7.8	74	0	25	28.0			180	
90TH										

BACKUP CODES

	TOTAL DISSOLVED SOLIDS (CALCD.)	RESIDUE NONFILTR.	RESIDUE FIXED NONFILTR.	RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT (CALCD.)	CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	1	2	2			1	1		5	5
LOW	95	52	19			2.0	12.0		5	0
HIGH	95	192	179			2.0	12.0		92	0
AVERAGE		122	99						70	0
STD.DEV		99	113						37	0
PERCNT:10TH										
25TH									77	0
MEDIAN 50TH		122	99						83	0
75TH									91	0
90TH										

BACKUP CODES

	FREE CO2 (CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNIT	MG/L
SAMPLES	5		1				1	5	5	
LOW	0.3		0.590				0.10	1.5	0.08	
HIGH	2.6		0.590				0.10	2.0	0.09	
AVERAGE	1.8							1.7	0.08	
STD.DEV	1.0							0.2	0.01	
PERCNT:10TH										
25TH	1.4							1.6	0.08	
MEDIAN 50TH	2.3							1.6	0.08	
75TH	2.4							2.0	0.09	
90TH										

BACKUP CODES

STATION 00YT09CD0001 FOR PERIOD 03/04/73 TO 11/12/73  
LAT. 63° 8' 59" LONG. 139° 33' 10"  
YUKON RIVER ABOVE WHITE RIVER, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1974 SUMMARY

STATION 00YT09DC0001 FOR PERIOD 24 04 69 TO 27 11 73

LAT 63° 35' 26" LONG 135° 53' 48"

STEWART RIVER AT W.S.C. GAUGE JUST EAST OF MAYO, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	MAILLER MG/L	PH UNITS	MAILLER MG/L	MAILLER MG/L	COLOUR MG/L	NTU			CMH	CMH
SAMPLES	14	14	14	14	14	14	10	10	14	14
LOW	67.4	7.6	51	0	L5	0.5	-0.6	7.1	136	180
HIGH	182.	8.6	133	3	70	94.0	0.5	9.1	361	180
AVERAGE	117.	7.9	82	0	21	25.6	-0.2	8.2	234	
STD.DEV	35.	0.2	24	1	21	27.1	0.3	0.6	48	
PERCNT:10TH	76.5	7.7	56	0	L5	1.0	-0.6	7.4	102	
25TH	84.2	7.8	59	0	L5	2.2	-0.5	7.9	171	
MEDIAN 50TH	121.	7.9	82	0	10	19.5	-0.2	8.1	242	
75TH	150.	8.0	101	0	30	38.0	0.1	8.8	278	
90TH	151.	8.2	107	0	60	63.0	0.3	9.0	309	

BACKUP CODES

	10031L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10601L RESIDUE FIXED FILTERABLE	06101L CARBON TOTAL ORGANIC	06101L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06101L BICARBONATE (CALCD.)	06101L CARBONATE CALCD.
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	9	3	3	1	1	3	3		14	14
LOW	74	29	15	123	78	1.0	9.5		62	0
HIGH	197	139	106	123	78	11.3	27.0		162	4
AVERAGE	130	86	69			6.4	16.5		100	0
STD.DEV	42	55	48			5.2	9.3		29	1
PERCNT:10TH	74								69	0
25TH	89								72	0
MEDIAN 50TH	142	90	85			7.0	13.0		100	0
75TH	157								116	0
90TH	197								130	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09101L FLUORIDE DISSOLVED	11102L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	11201L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	14	1	9		1		5	14	14	
LOW	0.5	L.5	L.001		L.1		0.05	0.7	0.04	
HIGH	3.8	L.5	2.30		L.1		L.10	2.6	0.09	
AVERAGE	2.0		0.33				0.07	1.6	0.06	
STD.DEV	0.8		0.74				0.02	0.6	0.02	
PERCNT:10TH	1.0		L.001					0.9	0.04	
25TH	1.2		0.030				0.06	1.0	0.05	
MEDIAN 50TH	2.1		0.080				0.06	1.6	0.06	
75TH	2.5		0.170				0.07	2.1	0.07	
90TH	2.8		2.30					2.2	0.08	

BACKUP CODES



STATION 00YT09DC0001 FOR PERIOD 24/04/69 TO 27/11/73  
LAT. 63° 35' 26" LONG. 135° 53' 48"  
STEWART RIVER AT W.S.C. GAUGE JUST EAST OF MAYO, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4 P	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P	16303L SULPHATE DISSOLVED SO4	17203L CHLORIDE DISSOLVED CL	19103L POTASSIUM DISSOLVED K	20103L CALCIUM DISSOLVED CA	25101L MANGANESE DISSOLVED MN
SAMPLES		10	1	3	4	14	14	14	14	4
LOW		2.8	0.066	L.001	L.002	17.1	0.2	0.4	20.9	L.01
HIGH		5.7	0.066	0.007	L.002	49.7	1.1	0.9	52.6	L.010
AVERAGE		4.4		0.003		34.1	0.6	0.6	31.8	
STD.DEV		1.0		0.003		12.5	0.2	0.1	9.9	
PERCNT:10TH		3.2				19.3	0.3	0.5	21.4	
25TH		3.6			L.002	21.0	0.4	0.5	22.5	L.01
MEDIAN 50TH		4.4		L.001	L.002	35.7	0.6	0.6	29.8	L.01
75TH		5.5			L.002	46.8	0.7	0.7	37.4	L.01
90TH		5.7				48.7	0.9	0.8	46.4	
BACKUP CODES		02L 05L	06L		57L	01L	CL		CA	04L

	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
SAMPLES	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
LOW	0.06	L.001	0.83	L.001	L.001	L.001	L.01	0.003	L.001	0.01
HIGH	0.06	0.020	0.83	L.001	L.001	0.028	L.01	0.003	0.057	0.01
AVERAGE		0.006				0.010			0.021	
STD.DEV		0.010				0.015			0.032	
PERCENT:10TH										
25TH		L.001								
MEDIAN 50TH		L.001				0.002			0.004	
75TH		0.011								
90TH										
BACKUP CODES			04P				06L			04L

[illegible]

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0001** FOR PERIOD **13 03 69** TO **28 11 73**  
 LAT **63 ° 22 ' 56 "** LONG **136 ° 40 ' 59 "**  
 STEWART RIVER AT W.S.C. GAUGE AT THE BRIDGE ON THE WHITEHORSE-MAYO HWY  
 AT STEWART CROSSING, YUKON TERRITORY

	10603L HARDNESS TOTAL	10101L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02073L TURBIDITY	02010L SATURATION INDEX	02011L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT
	MG./L.	PH UNITS	MG./L.	MG./L.	REL. UNITS	JTU	PH UNITS	PH UNITS	US. CM	US. CM
SAMPLES	17	17	17	17	17	17	12	12	17	1
LOW	71.2	7.6	55	0	L5	0.5	-0.5	7.2	151	180
HIGH	177.	8.5	135	3	40	105.	0.4	8.8	361	180
AVERAGE	120.	7.9	88	0	13	20.	0.0	7.9	236	
STD.DEV	30.	0.2	24	1	11	28.	0.3	0.4	55	
PERCNT:10TH	76.2	7.6	57	0	L5	1.2	-0.3	7.4	154	
25TH	99.0	7.8	69	0	5	2.7	-0.2	7.7	204	
MEDIAN 50TH	122.	7.9	83	0	5	5.8	0.0	7.9	238	
75TH	144.	8.0	109	0	20	23.0	0.2	8.2	269	
90TH	159.	8.2	128	0	30	54.0	0.3	8.5	293	

BACKUP CODES

	06203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG./L.	MG./L.	MG./L.	MG./L.	MG./L.	MG./L.	MG./L.	MG./L.	HCO3 MG./L.	CO3 MG./L.
SAMPLES	12	6	5	1	1	4	4		17	17
LOW	78	35	33	152	137	0.0	0.0		67	0
HIGH	191	223	203	152	137	11.0	17.0		165	4
AVERAGE	139	106	105			5.8	9.1		107	0
STD.DEV	30	70	66			5.1	7.0		29	1
PERCNT:10TH	107								69	0
25TH	124	41	58			1.5	4.7		85	0
MEDIAN 50TH	139	100	102			6.0	9.7		101	0
75TH	159	139	130			10.0	13.5		133	0
90TH	167								156	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG./L.	N MG./L.	N MG./L.	N MG./L.	N MG./L.	O2 MG./L.	F MG./L.	NA MG./L.	REL. UNITS	MG./L.
SAMPLES	17	1	12		2	2	8	17	16	
LOW	0.6	L.5	0.016		L.1	1.9	L.05	0.7	0.04	
HIGH	4.3	L.5	0.520		0.1	2.0	0.16	3.1	0.11	
AVERAGE	2.2		0.128		0.1	2.0	0.08	1.6	0.06	
STD.DEV	1.1		0.134		0.0	0.1	0.04	0.6	0.02	
PERCNT:10TH	0.8		0.030					0.8	0.04	
25TH	1.5		0.036				0.05	1.2	0.05	
MEDIAN 50TH	2.1		0.115		0.1	2.0	0.06	1.5	0.06	
75TH	2.8		0.145				L.09	1.9	0.07	
90TH	4.2		0.160					2.1	0.08	

BACKUP CODES

06L

04L



# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09DD0002** FOR PERIOD **15 07 69** TO **04 09 73**

LAT **63 ° 55 ' 36 "** LONG **135 ° 26 ' 32 "**

SANDY CREEK AT KENO ROAD BRIDGE 1.5 MILES DOWNSTREAM OF CALUMET MINE WATER  
DISCHARGE YUKON TERRITORY

	HARDNESS TOTAL	PH PH UNITS	ALKALINITY TOTAL	ALKALINITY PHENOL PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	RESIDUE CONDUCT	SPECIFIC CONDUCT
	MG/L		MG/L	MG/L						
SAMPLES	9	11	11	11	11	11	5	5	11	
LOW	101.	6.4	5	0	5	0.2	-2.7	7.9	205	
HIGH	498.	8.0	73	0	100	2.4	-0.1	11.9	957	
AVERAGE	261.	7.4	41	0	24	1.0	-1.1	9.4	481	
STD.DEV	123	0.5	18	0	27	0.7	1.0	1.6	215	
PERCNT:10TH	101	6.9	21	0	10	0.3			286	
25TH	204	7.1	28	0	10	0.4	-1.5	8.3	350	
MEDIAN 50TH	221.	7.5	42	0	15	0.5	-0.6	8.7	430	
75TH	273	7.7	50	0	30	1.7	-0.5	10.0	510	
90TH	498	7.8	59	0	40	1.9			784	

BACKUP CODES

	20201L TOTAL DISSOLVED SOLIDS	13401L RESIDUE NONFILTR.	12501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	10601L CARBON TOTAL ORGANIC	10641L CARBON TOTAL INORGANIC	07001L CARBON DISSOLVED ORGANIC	10211L BICARBONAT (CALCD.)	10241L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	5					4	1	4	11	11
LOW	108					4.0	16.0	2.1	6	0
HIGH	678					11.0	16.0	11.0	89	0
AVERAGE	362					8.8		7.6	50	0
STD.DEV	246					3.3		4.0	22	0
PERCNT:10TH									25	0
25TH	181					6.7		4.7	34	0
MEDIAN 50TH	284					10.2		9.	51	0
75TH	557					11.0		11	61	0
90TH									72	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07806L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	08001L FLUORIDE DISSOLVED	11104L SODIUM DISSOLVED	12101L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	11		5					5	5	3
LOW	1.1		L.005					0.7	0.03	7.4
HIGH	6.3		0.452					9.6	0.19	22.1
AVERAGE	3.2		0.102					4.0	0.10	14.2
STD.DEV	1.7		0.196					3.6	0.06	7.4
PERCNT:10TH	1.5									
25TH	2.0		L.005					1.6	0.06	
MEDIAN 50TH	2.8		0.020					3.0	0.09	13.0
75TH	5.0		0.027					5.2	0.11	
90TH	5.3									

BACKUP CODES

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0002** FOR PERIOD **15/07/69** TO **04/09/73**

LAT. **63 ° 55 ' 36 "** LONG. **135 ° 26 ' 32 "**

SANDY CREEK AT KENO ROAD BRIDGE 1.5 MILES DOWNSTREAM OF CALUMET MINE WATER DISCHARGE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P	15363L PHOSPHORUS DISSOLVED INORG. PO4 P	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P	16303L SULPHATE DISSOLVED SO4	17203L CHLORIDE DISSOLVED CL	19103L POTASSIUM DISSOLVED K	20103L CALCIUM DISSOLVED CA	25101L MANGANESE DISSOLVED MN
	AL MG/L	SiO2 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES		5				11	5	5	6	
LOW		3.0				25.4	1.0	0.4	29.5	
HIGH		9.2				465.	1.8	0.8	41.	
AVERAGE		5.9				193.	1.3	0.6	79.	
STD.DEV		3.0				124.	0.3	0.2	47.	
PERCNT:10TH						87.0				
25TH		3.0				130.	1.1	0.4	37.0	
MEDIAN 50TH		5.5				163.	1.2	0.6	70.2	
75TH		8.6				201.	1.5	0.8	29.	
90TH						374.				
BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	6		10				5	5		6
LOW	0.06		0.030				0.002	L.001		0.059
HIGH	0.35		1.10				L.01	0.002		2.50
AVERAGE	0.22		0.31				0.01	0.001		1.33
STD.DEV	0.13		0.32				0.00	0.001		1.02
PERCNT:10TH			0.05							
25TH	0.10		0.08				L.01	0.001		0.40
MEDIAN 50TH	0.23		0.24				L.01	0.001		1.25
75TH	0.34		0.400				L.01	0.002		2.50
90TH			0.79							
BACKUP CODES	04L		02L 04P 04L				05L			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	80410L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG JG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	4	5							4	5
LOW	0.58	L.005							L.01	L.001
HIGH	8.20	0.010							0.040	0.009
AVERAGE	3.72	0.006							0.024	0.003
STD.DEV	3.74	0.002							0.013	0.004
PERCNT:10TH										
25TH	0.63	L.005							0.02	L.001
MEDIAN 50TH	3.04	L.005							0.024	L.001
75TH	6.80	0.007							0.034	L.001
90TH										
BACKUP CODES	04P	01L								



## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09DD0003

FOR PERIOD 15 07 69 TO 13 10 73

LAT 63 ° 56 ' 7 " LONG 135 ° 34 ' 14 "

SOUTH MCQUESTEN RIVER AT UNITED KENO HILL MINES FRESHWATER PUMPHOUSE  
ABOUT 4 MILES NORTHWEST OF ELSA, YUKON TERRITORY

	10000L HARDNESS TOTAL	10001L PH	10002L ALKALINITY TOTAL	10003L ALKALINITY PHENOL- PHTHALEIN	22001L COLOUR APPARENT	22002L TURBIDITY	22003L SATURATION INDEX	22004L STABILITY INDEX	22005L SPECIFIC CONDUCT	22006L SPECIFIC CONDUCT
	AL-03 MG/L	PH UNITS	CA-03 MG/L	CA-03 MG/L	REL. UNITS	JTU	REL-03 PH UNITS	PH UNITS	US/M	CM/M
SAMPLES	11	15	14	15	15	14	7	7	15	
LOW	97.9	7.2	45	0	5	0.2	-1.1	6.7	169	
HIGH	535.	8.5	163	3	100	16.0	0.8	9.5	1000	
AVERAGE	170.	7.9	93	0	21	3.6	0.0	7.9	318	
STD.DEV	125.	0.3	31	1	24	4.7	0.6	1.0	208	
PERCENT:10TH	107.	7.6	71	0	5	0.5			187	
25TH	110.	7.8	75	0	5	0.9	-0.5	7.0	199	
MEDIAN 50TH	126.	7.9	88	0	12	1.4	0.0	7.9	246	
75TH	162.	8.1	102	0	30	4.0	0.6	8.7	401	
90TH	204.	8.3	149	0	40	12.0			446	

BACKUP CODES

	06003L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FIXED FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06004L CARBON TOTAL ORGANIC C	06005L CARBON TOTAL INORGANIC C	06006L CARBON DISSOLVED ORGANIC C	06007L BICARBONT. (CALCD.)	06008L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	MG/L
SAMPLES	7	3	3			5		6	14	14
LOW	104	6	3			1.8		1.8	55	0
HIGH	237	41	12			18.5		18.5	199	4
AVERAGE	163	21	8			10.8		7.2	113	0
STD.DEV	53	18	5			7.2		5.9	37	1
PERCENT:10TH									86	0
25TH	109					6.5		3.2	91	0
MEDIAN 50TH	142	15	10			9.5		6.4	107	0
75TH	227					17.5		7.2	117	0
90TH									182	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	14		7					7	7	4
LOW	0.6		L.005					0.7	0.03	5.1
HIGH	5.5		0.131					3.6	0.12	18.0
AVERAGE	2.3		0.027					2.0	0.07	9.3
STD.DEV	1.2		0.047					1.3	0.04	5.9
PERCENT:10TH	1.2									
25TH	1.4		L.005					0.9	0.04	6.0
MEDIAN 50TH	2.2		L.005					1.3	0.05	7.1
75TH	2.8		0.036					3.4	0.11	12.7
90TH	3.4									

BACKUP CODES



WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0003**

FOR PERIOD **15/07/69** TO **13/10/73**

LAT. **63 ° 56 ' 7 "** LONG. **135 ° 34 ' 14 "**

SOUTH MCQUESTEN RIVER AT UNITED KENO HILL MINES FRESHWATER PUMPHOUSE  
ABOUT 4 MILES NORTHWEST OF ELSA, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P	15363L PHOSPHORUS DISSOLVED INORG. PO4 P	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	MG/L	MG/L	MG/L	SO4 MG/L	CL MG/L	K MG/L	Ca MG/L	MN MG/L
SAMPLES		7				14	7	7	8	
LOW		3.0				24.5	0.3	0.3	25.5	
HIGH		8.0				437.	2.0	1.0	60.6	
AVERAGE		5.4				67.	0.9	0.6	38.2	
STD.DEV		2.3				107.	0.7	0.3	13.8	
PERCNT:10TH						27.2				
25TH		3.3				29.2	0.4	0.3	27.8	
MEDIAN 50TH		4.6				36.4	0.5	0.4	32.3	
75TH		7.8				57.9	1.5	1.0	49.6	
90TH						62.0				
BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	7	1	16				9	7		10
LOW	0.03	L.001	0.100				L.001	0.001		0.01
HIGH	9.80	L.001	0.730				0.02	0.12		0.570
AVERAGE	1.45		0.309				0.01	0.02		0.112
STD.DEV	3.68		0.185				0.01	0.04		0.166
PERCNT:10TH			0.13				L.001			0.02
25TH	0.05		0.140				L.01	0.001		0.04
MEDIAN 50TH	0.06		0.29				L.01	0.002		0.06
75TH	0.11		0.44				L.01	0.005		0.13
90TH			0.530				0.02			0.350
BACKUP CODES			04P 02L				06L	06P		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	Pb MG/L
SAMPLES	6	6							8	7
LOW	0.020	0.000							0.002	L.001
HIGH	1.08	L.010							0.040	0.20
AVERAGE	0.22	0.005							0.014	0.03
STD.DEV	0.42	0.004							0.011	0.07
PERCNT:10TH										
25TH	0.03	0.001							L.01	L.001
MEDIAN 50TH	0.04	0.005							0.01	0.004
75TH	0.10	0.009							0.014	0.013
90TH										
BACKUP CODES	04P	01L								04P

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09DD0004 FOR PERIOD 19 05 70 TO 04 09 73

LAT 63 ° 55 ' 10 " LONG 135 ° 41 ' 25 "

FLAT CREEK AT BRIDGE ON SHANGHAI ROAD ABOUT 200 YARDS FROM MOUTH DOWNSTREAM  
OF UNITED KENO HILL MINES YUKON TERRITORY

	13401L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15411L PHOSPHORUS TOTAL PHOSPHATE P	15461L PHOSPHORUS DISSOLVED INORG. PO4 P	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P	16203L SULPHATE DISSOLVED SO4	17203L CHLORIDE DISSOLVED CL	19103L POTASSIUM DISSOLVED K	20401P CALCIUM DISSOLVED CA	20401P MANGANESE DISSOLVED MN
	AL MG/L	SiO2 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES		1				7	1	1	2	
LOW		3.1				50.5	0.7	0.8	31.0	
HIGH		3.1				131.	0.7	0.8	80.4	
AVERAGE						83.			55.7	
STD.DEV						26.			34.9	
PERCENT:10TH										
25TH						68.6				
MEDIAN 50TH						76.7			55.7	
75TH						101.				
90TH										
BACKUP CODES		02L							01L	
	26404P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26405P IRON EXTRBLE.	27102P COBALT EXTRBLE.	28402P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29105L COPPER EXTRBLE.	29105P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30105L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	6		7				1	6		2
LOW	0.18		0.330				0.02	0.006		0.88
HIGH	2.20		1.20				0.02	0.02		1.00
AVERAGE	1.16		0.82					0.02		0.94
STD.DEV	0.74		0.35					0.01		0.06
PERCENT:10TH										
25TH	0.49		0.46					0.01		
MEDIAN 50TH	1.25		0.76					0.02		0.94
75TH	1.60		1.20					0.02		
90TH										
BACKUP CODES			04P 02L				06L	06P		
	42405P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42402P MOLYBDENUM EXTRBLE.	47401P SILVER EXTRBLE.	48402P CADMIUM EXTRBLE.	56401P BARIUM EXTRBLE.	60401P MERCURY EXTRBLE.	62103L LEAD DISSOLVED	62402L LEAD EXTRBLE.	62402L LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	5	3								6
LOW	0.70	L.005								0.12
HIGH	8.60	L.010								0.35
AVERAGE	2.33									0.17
STD.DEV	3.51									0.09
PERCENT:10TH										
25TH	0.72									0.13
MEDIAN 50TH	0.80	L.005								0.15
75TH	0.82									0.15
90TH										
BACKUP CODES	14P	01L								

# WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0004**

FOR PERIOD **19/05/70** TO **04/09/73**

LAT. **63 ° 55 ' 10 "** LONG. **135 ° 41 ' 25 "**

FLAT CREEK AT BRIDGE ON SHANGHAI ROAD ABOUT 200 YARDS FROM MOUTH DOWNSTREAM  
OF UNITED KENO HILL MINES, YUKON TERRITORY

	10603L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02073L TURBIDITY	00210L SATURATION INDEX	00211L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02041S SPECIFIC CONDUCT.
	CACO3 MG/L	PH UNITS	CACO3 MG/L	CACO3 MG/L	REL UNITS	JTU	(CALCD.) PH UNITS	(CALCD.) PH UNITS	US CM	US/CM
<b>SAMPLES</b>	6	7	7	7	7	7	1	1	7	
<b>LOW</b>	128.	7.5	40	0	18	0.6	-0.8	9.1	223	
<b>HIGH</b>	278.	8.4	140	3	100	15.0	-0.8	9.1	500	
<b>AVERAGE</b>	205.	8.0	100	0	49	5.9			350	
<b>STD.DEV</b>	52.	0.3	35	1	26	5.0			100	
<b>PERCNT:10TH</b>										
25TH	188.	7.6	71	0	30	0.7			246	
<b>MEDIAN 50TH</b>	195.	8.0	103	0	50	5.7			342	
75TH	248.	8.3	136	0	50	8.4			453	
90TH										

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
<b>SAMPLES</b>	1	4	4			1		1	7	7
<b>LOW</b>	134	8	2			25.0		19.0	49	0
<b>HIGH</b>	134	44	17			25.0		19.0	166	3
<b>AVERAGE</b>		19	9						121	0
<b>STD.DEV</b>		17	7						42	1
<b>PERCNT:10TH</b>										
25TH		8	4						87	0
<b>MEDIAN 50TH</b>		12	9						126	0
75TH		30	15						165	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L
<b>SAMPLES</b>	7		1					1	1	1
<b>LOW</b>	1.1		L.005					1.3	0.05	7.4
<b>HIGH</b>	3.5		L.005					1.3	0.05	7.4
<b>AVERAGE</b>	2.0									
<b>STD.DEV</b>	0.8									
<b>PERCNT:10TH</b>										
25TH	1.3									
<b>MEDIAN 50TH</b>	1.8									
75TH	2.4									
90TH										

BACKUP CODES

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0005** FOR PERIOD **19 05 70 TO 04 09 73**  
**63 ° 53 ' 45 "** LONG **136 ° 1 ' 30 "**  
 SOUTH MCQUESTEN RIVER AT ROAD BRIDGE DOWNSTREAM OF FLAT CREEK  
 YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	MG/L	PH UNITS	CALCD MG/L	CALCD MG/L	REL. UNITS		PERCENT		CM	CM
SAMPLES	6	7	7	7	7	7	2	2	7	
LOW	98.5	7.6	51	0	20	0.8	-0.6	7.4	151	
HIGH	140.	8.3	100	0	100	49.0	0.3	9.0	268	
AVERAGE	123.	8.0	83	0	41	10.9	-0.2	8.2	223	
STD.DEV	15	0.3	17	0	28	17.2	0.6	1.1	41	
PERCNT:10TH										
25TH	116	7.7	69	0	20	1.8			188	
MEDIAN 50TH	125.	8.1	88	0	30	4.0	-0.2	8.2	230	
75TH	136	8.2	99	0	50	12.0			257	
90TH										

BACKUP CODES

	0600L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	1040L RESIDUE NONFILTR. MG/L	1050L RESIDUE FIXED NONFILTR. MG/L	1045L RESIDUE FILTERABLE MG/L	1055L RESIDUE FIXED FILTERABLE MG/L	0600L CARBON TOTAL ORGANIC C MG/L	0605L CARBON TOTAL INORGANIC MG/L	0610L CARBON DISSOLVED ORGANIC C MG/L	0620L BICARBONT (CALCD.) MG/L	0630L CARBONATE (CALCD.) MG/L
SAMPLES	2	3	3			2		2	7	7
LOW	87	5	4			4.6		3.6	62	0
HIGH	148	43	31			26.0		22.5	122	0
AVERAGE	118	29	18			15.3		13.1	101	0
STD.DEV	43	21	14			15.1		13.4	21	0
PERCNT:10TH										
25TH									84	0
MEDIAN 50TH	118	40	20			15.3		13.1	108	0
75TH									121	0
90TH										

BACKUP CODES

	0640L FREE CO2 (CALCD.) MG/L	0700L NITROGEN TOTAL KJELDAHL N MG/L	0710L NITROGEN DISSOLVED NO3 & NO2 N MG/L	0720L NITROGEN DISSOLVED NITRATE N MG/L	0755L NITROGEN DISSOLVED AMMONIA N MG/L	0840L OXYGEN CONSUMED MG/L	0915L FLUORIDE DISSOLVED MG/L	1110L SODIUM DISSOLVED MG/L	SODIUM ABSORPTION RATIO REL. UNITS	1210L MAGNESIUM DISSOLVED MG/L
SAMPLES	7		2					2	2	2
LOW	0.9		L.005					0.7	0.03	5.7
HIGH	3.4		L.005					1.2	0.04	6.5
AVERAGE	1.7							1.0	0.04	6.1
STD.DEV	0.8							0.4	0.01	0.6
PERCNT:10TH										
25TH	1.1									
MEDIAN 50TH	1.5		L.005					1.0	0.04	6.1
75TH	2.0									
90TH										

BACKUP CODES

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0005** FOR PERIOD **19/05/70** TO **04/09/73**LAT. **63 ° 53 ' 45 "** LONG. **136 ° 1 ' 30 "**SOUTH MCQUESTEN RIVER AT ROAD BRIDGE DOWNSTREAM OF FLAT CREEK,  
YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		2				7	2	2	3	
LOW		3.0				12.8	0.4	0.3	22.5	
HIGH		3.8				119.	0.7	0.6	43.7	
AVERAGE		3.4				41.	0.6	0.5	34.8	
STD.DEV		0.6				35.	0.2	0.2	11.0	
PERCNT:10TH										
25TH						26.0				
MEDIAN 50TH		3.4				30.3	0.6	0.5	38.3	
75TH						37.6				
90TH										
BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	5		7				2	5		3
LOW	0.06		0.140				L.01	0.002		0.08
HIGH	0.14		1.70				L.01	0.005		0.180
AVERAGE	0.11		0.59					0.003		0.137
STD.DEV	0.04		0.52					0.001		0.051
PERCNT:10TH										
25TH	0.08		0.220					0.002		
MEDIAN 50TH	0.12		0.50				L.01	0.003		0.15
75TH	0.14		0.61					0.004		
90TH										
BACKUP CODES			04P 02L				06L			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	4	4							1	5
LOW	0.026	0.000							0.040	0.005
HIGH	0.09	0.030							0.040	0.027
AVERAGE	0.05	0.010								0.012
STD.DEV	0.03	0.014								0.009
PERCNT:10TH										
25TH	0.03	L.003								0.008
MEDIAN 50TH	0.05	0.005								0.008
75TH	0.08	0.018								0.011
90TH										
BACKUP CODES	04P	01L								

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09DD0006** FOR PERIOD **15 04 72** TO **13 12 73**LAT **63 ° 16 ' 55 "** LONG **139 ° 14 ' 56 "**

STEWART RIVER AT MOUTH, YUKON TERRITORY

	10001L HARDNESS TOTAL	10001L PH	10001L ALKALINITY TOTAL	10001L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02011L TURBIDITY	00210L SATURATION INDEX	00210L STABILITY INDEX	00040L SPECIFIC CONDUCT.	00040L SPECIFIC CONDUCT
	MG/L	PH UNITS	CALCO3 MG/L	CALCO3 MG/L	REL. UNITS	JTU	(CALCO3) PH UNITS	(CALCO3) PH UNITS	US CM	US CM
SAMPLES	8	8	7	8	8	8	3	3	8	
LOW	72.0	7.5	59	0	15	0.2	-0.3	7.4	144	
HIGH	157.	8.2	124	0	30	58.0	0.4	8.7	340	
AVERAGE	121.	7.9	90	0	11	11.9	-0.1	8.0	240	
STD.DEV	31.	0.2	25	0	10	19.4	0.4	0.7	68	
PERCENT:10TH										
25TH	95.	7.8	62	0	5	2.0			184	
MEDIAN 50TH	132.	7.9	92	0	5	4.7	-0.3	8.0	249	
75TH	143.	8.1	112	0	18	11.8			285	
90TH										

BACKUP CODES

	30020L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06020L CARBON TOTAL ORGANIC C	06020L CARBON TOTAL INORGANIC C	06130L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06201L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	3	3	3			3	3		7	7
LOW	77	4	2			5.0	19.0		72	0
HIGH	159	145	129			24.0	19.0		151	0
AVERAGE	128	74	58			11.7	19.0		110	0
STD.DEV	44	71	65			10.7	0.0		30	0
PERCENT:10TH										
25TH									75	0
MEDIAN 50TH	147	73	42			6.0	19.0		113	0
75TH									137	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L
SAMPLES	7		4				3	8	8	
LOW	1.1		0.030				0.06	0.9	0.04	
HIGH	6.8		0.230				0.07	5.7	0.20	
AVERAGE	2.9		0.143				0.06	2.1	0.08	
STD.DEV	2.1		0.085				0.01	1.5	0.05	
PERCENT:10TH										
25TH	1.2		0.080					1.4	0.06	
MEDIAN 50TH	2.2		0.155				0.06	1.6	0.07	
75TH	4.8		0.205					2.0	0.07	
90TH										

BACKUP CODES

06L



STATION 00YT09DD0006 FOR PERIOD 15/04/72 TO 13/12/73  
LAT. 63° 16' 55" LONG. 139° 14' 56"  
STEWART RIVER AT MOUTH, YUKON TERRITORY

[illegible]

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09DD0007 FOR PERIOD 23 06 73 TO 06 08 73

LAT 65 ° 53 ' 43 " LONG 136 ° 1 ' 15 "

SOUTH MCQUESTEN RIVER ABOVE FLAT CREEK, UNITED KENO HILL MINES, ELSA  
YUKON TERRITORY

	100001L HARDNESS TOTAL	100011L PH	100011L ALKALINITY TOTAL	100011L ALKALINITY PHENOL- PHTHALEIN	020011L COLOUR APPARENT	020011L TURBIDITY	060011L SATURATION INDEX	060011L STABILITY INDEX	060011L SPECIFIC CONDUCT.	060011L SPECIFIC CONDUCT.
	CALCD MG/L	PH UNITS	CALCD MG/L	CALCD MG/L	REL. UNITS	JTU	CALCD PERCENT	REL. UNITS	US/M	US/M
SAMPLES	4	4	4	4	4	4			4	
LOW	97.9	7.7	71	0	15	L.1			187	
HIGH	121.	8.2	92	0	40	3.6			232	
AVERAGE	114.	7.9	82	0	26	2.3			213	
STD.DEV	11.	0.2	9	0	11	1.6			20	
PERCENT:10TH										
25TH	108.	7.7	76	0	18	1.0			198	
MEDIAN 50TH	120.	7.9	83	0	25	2.7			216	
75TH	121.	8.1	89	0	35	3.6			228	
90TH										

BACKUP CODES

	060001L TOTAL DISSOLVED SOLIDS (CALCD.)	104011L RESIDUE NONFILTR.	105011L RESIDUE FIXED NONFILTR.	104511L RESIDUE FILTERABLE	105511L RESIDUE FIXED FILTERABLE	060011L CARBON TOTAL ORGANIC C	060511L CARBON TOTAL INORGANIC C	061011L CARBON DISSOLVED ORGANIC C	060011L BICARBONTE (CALCD.)	060011L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES		1	1						4	4
LOW		9	1						87	0
HIGH		9	1						112	0
AVERAGE									101	0
STD.DEV									11	0
PERCENT:10TH										
25TH									93	0
MEDIAN 50TH									102	0
75TH									109	0
90TH										

BACKUP CODES

	064011L FREE CO2 (CALCD.)	070001L NITROGEN TOTAL KJELDAHL	071001L NITROGEN DISSOLVED NO3 & NO2	073001L NITROGEN DISSOLVED NITRATE	075511L NITROGEN DISSOLVED AMMONIA	064011L OXYGEN CONSUMED	091001L FLUORIDE DISSOLVED	111001L SODIUM DISSOLVED	112001L SODIUM ABSORPTION RATIO	121001L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	4									
LOW	1.0									
HIGH	3.5									
AVERAGE	2.2									
STD.DEV	1.1									
PERCENT:10TH										
25TH	1.3									
MEDIAN 50TH	2.1									
75TH	3.1									
90TH										

BACKUP CODES

## BACKUP CODES

# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09DD0008** FOR PERIOD **17 07 73** TO **04 09 73**

LAT **63 ° 54 ' 41 "** LONG **135 ° 29 ' 2 "**

BREXALT CREEK AT ROAD CROSSING, UNITED KENO HILL MINES, ELSA  
YUKON TERRITORY

	10000L HARDNESS TOTAL	10001L PH	10002L ALKALINITY TOTAL	10003L ALKALINITY PHENOL- PHTHALEIN	10004L COLOUR APPARENT	10005L TURBIDITY	10006L SATURATION INDEX	10007L STABILITY INDEX	10008L SULPHUR CONDUCT	10009L SULPHUR CONDUCT
	10000L MG/L	10001L PH UNITS	10002L CA + CO3 MG/L	10003L CA + CO3 MG/L	10004L PCU	10005L NTU	10006L %	10007L FLOCCULANTS	10008L CM/M	10009L CM/M
SAMPLES	4	4	3	4	4	4			4	
LOW	136.	2.9	41	0	15	1.4			251	
HIGH	1350.	8.2	99	0	15	110.			2450	
AVERAGE	736.	6.2	60	0	9	53.			1256	
STD.DEV	496.	2.3	33	0	5	55			905	
PERCNT:10TH										
25TH	425.	4.9		0	5	6.2			691	
MEDIAN 50TH	728.	6.9	41	0	8	50.5			1162	
75TH	1046.	7.6		0	13	100			1822	
90TH										

BACKUP CODES:

	10020L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	10021L RESIDUE NONFILTR. MG/L	10022L RESIDUE FIXED NONFILTR. MG/L	10023L RESIDUE FILTERABLE MG/L	10024L RESIDUE FIXED FILTERABLE MG/L	10025L CARBON TOTAL ORGANIC C MG/L	10026L CARBON TOTAL INORGANIC MG/L	10027L CARBON DISSOLVED ORGANIC C MG/L	10028L BICARBONATE (CALCD.) MG/L	10029L CARBONATE (CALCD.) MG/L
SAMPLES		3	3						3	3
LOW		4	11						49	0
HIGH		160	125						120	0
AVERAGE		88	70						73	0
STD.DEV		79	63						41	0
PERCNT:10TH										
25TH										
MEDIAN 50TH		100	84						50	0
75TH										
90TH										

BACKUP CODES:

	10040L FREE CO2 (CALCD.) MG/L	10041L NITROGEN TOTAL KJELDAHL MG/L	10042L NITROGEN DISSOLVED NO3 & NO2 N MG/L	10043L NITROGEN DISSOLVED NITRATE N MG/L	10044L NITROGEN DISSOLVED AMMONIA N MG/L	10045L OXYGEN CONSUMED MG/L	10046L FLUORIDE DISSOLVED MG/L	10047L SODIUM DISSOLVED MG/L	10048L SODIUM ABSORPTION RATIO REL. UNITS	10049L MAGNESIUM DISSOLVED MG/L
SAMPLES	3									
LOW	1.2									
HIGH	12.6									
AVERAGE	7.9									
STD.DEV	6.0									
PERCNT:10TH										
25TH										
MEDIAN 50TH	9.9									
75TH										
90TH										

BACKUP CODES:



## WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09EA0001** FOR PERIOD **08 03 69** TO **24 09 73**LAT **64 ° 2 ' 30 "** LONG **139 ° 24 ' 30 "**

KLONDIKE RIVER ABOVE BONANZA CREEK, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	TEMPERATURE CONDUCT
	MG/L	PH UNITS	MG/L	MG/L	PCU			PH/deg F	UMH	UMH
SAMPLES	16	16	16	16	15	16	13	13	16	1
LOW	44.0	7.3	30	0	L5	0.2	-1.0	7.8	92	155
HIGH	134.	8.2	88	0	60	53.0	0.2	9.6	270	155
AVERAGE	96.	7.8	64	0	16	8.0	-0.4	8.6	195	
STD.DEV	30.	0.3	19	0	17	13.5	0.4	0.6	59	
PERCNT:10TH	56.3	7.5	39	0	L5	0.4	-0.9	8.0	121	
25TH	69.6	7.6	47	0	5	1.4	-0.6	8.2	144	
MEDIAN 50TH	97.7	7.8	67	0	7	2.7	-0.4	8.4	196	
75TH	127.	8.0	84	0	30	6.8	-0.1	8.9	258	
90TH	133.	8.1	87	0	40	23.0	0.0	9.6	269	

BACKUP CODES

	01203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06101L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	13	6	6			5	5		16	16
LOW	51	11	7			1.0	7.1		37	0
HIGH	149	126	83			10.7	20.0		107	0
AVERAGE	111	48	35			5.3	12.2		78	0
STD.DEV	35	43	28			3.7	5.6		24	0
PERCNT:10TH	63								47	0
25TH	78	12	11			4.0	8.0		58	0
MEDIAN 50TH	116	40	31			4.0	10.0		82	0
75TH	146	58	48			7.0	16.0		103	0
90TH	148								106	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11100L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	16	1	11		4	1	9	16	16	
LOW	0.8	L.5	0.010		L.1	0.8	0.06	0.7	0.05	
HIGH	8.5	L.5	0.430		0.4	0.8	L.10	2.8	0.11	
AVERAGE	2.6		0.136		0.2		0.07	1.8	0.08	
STD.DEV	2.1		0.126		0.2		0.01	0.6	0.02	
PERCNT:10TH	0.8		0.032				0.06	1.0	0.05	
25TH	1.2		0.034		L.1		0.06	1.2	0.06	
MEDIAN 50TH	1.8		0.080		L.1		0.07	1.8	0.08	
75TH	2.9		0.203		0.3		0.08	2.3	0.09	
90TH	5.3		0.220				L.10	2.3	0.11	

BACKUP CODES

06L



STATION **00YT09EA0001** FOR PERIOD **08/03/69** TO **24/09/73**  
LAT. **64° 2' 30"** LONG. **139° 24' 30"**  
KLONDIKE RIVER ABOVE BONANZA CREEK, YUKON TERRITORY

[illegible]

WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09EB0001 FOR PERIOD 03 06 62 TO 25 09 73

LAT 64° 4' 12" LONG 139° 25' 30"

YUKON RIVER AT DAWSON YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPEARANT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
			AS CaCO <sub>3</sub>	AS CaCO <sub>3</sub>	REC UNITS	NTU	PERCENT	PERCENT	CMH	CMH
SAMPLES	12	23	25	23	23	23	21	21	118	118
LOW	53.9	7.0	39	0	15	0.5	-1.5	7.5	118	118
HIGH	119.	8.2	98	0	120	210.	0.3	10.1	241	241
AVERAGE	97.	7.8	73	0	30	25.	-0.4	8.5	193	193
STD.DEV	21.	0.3	17	0	34	44.	0.5	0.7	39	39
PERCNT:10TH	69.7	7.4	50	0	5	1.2	-1.0	7.8	137	137
25TH	81.4	7.6	61	0	5	2.3	-0.7	7.9	167	167
MEDIAN 50TH	104.	7.7	78	0	15	7.6	-0.3	8.3	197	197
75TH	116.	8.0	89	0	40	38.0	0.0	9.0	229	229
90TH	118.	8.2	96	0	80	52.0	0.2	9.4	238	238

BACKUP CODES

	00230L TOTAL DISSOLVED SOLIDS (CALCD.)	1040L RESIDUE NONFILTR.	1050L RESIDUE FIXED NONFILTR.	1045L RESIDUE FILTERABLE	1055L RESIDUE FIXED FILTERABLE	00630L CARBON TOTAL ORGANIC C	0050L CARBON TOTAL INORGANIC C	CARBON DISSOLVED ORGANIC	BICARBONT (CALCD.)	CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	21	6	6	4	4	2	2		23	23
LOW	60	36	30	115	64	1.0	8.0		47	0
HIGH	129	276	234	146	128	6.0	21.0		119	0
AVERAGE	105	126	112	133	102	3.5	14.5		89	0
STD.DEV	21	93	84	15	31	3.5	9.2		21	0
PERCNT:10TH	77								61	0
25TH	90	42	36	122	77				74	0
MEDIAN 50TH	113	104	89	136	109	3.5	14.5		94	0
75TH	124	196	196	145	128				108	0
90TH	125								117	0

BACKUP CODES

	0640L FREE CO <sub>2</sub> (CALCD.)	0700L NITROGEN TOTAL KJELDAHL N	0710L NITROGEN DISSOLVED NO <sub>3</sub> & NO <sub>2</sub> N	0730L NITROGEN DISSOLVED NITRATE N	0755L NITROGEN DISSOLVED AMMONIA N	0840L OXYGEN CONSUMED O <sub>2</sub>	0875L FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	CO <sub>2</sub> MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REC UNITS	MG/L
SAMPLES	23		13	8	9	10	15	23	23	11
LOW	0.9		L.005	0.000	L.1	1.0	0.06	1.0	0.05	5.1
HIGH	8.3		0.180	0.113	0.1	23.4	0.28	3.1	0.13	9.1
AVERAGE	2.6		0.076	0.025	0.1	7.3	0.15	1.8	0.08	6.9
STD.DEV	1.7		0.053	0.039	0.0	7.3	0.06	0.6	0.02	1.3
PERCNT:10TH	1.1		L.005		L.1	1.8	0.08	1.2	0.06	5.4
25TH	1.5		0.045	0.000	L.1	2.8	L.10	1.3	0.06	5.6
MEDIAN 50TH	2.3		0.077	0.011	L.1	3.7	0.16	1.9	0.08	6.6
75TH	3.6		0.102	0.034	L.1	9.3	0.18	2.3	0.09	8.3
90TH	4.7		0.150		0.1	20.1	0.21	2.5	0.10	8.5

BACKUP CODES

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09EB0001 FOR PERIOD 03/06/62 TO 25/09/73

LAT. 64° 4' 12" LONG. 139° 25' 30"

YUKON RIVER AT DAWSON, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES	9	21	6	7	4	23	23	23	23	14
LOW	L.01	4.00	L.005	L.001	L.002	14.6	L.1	0.4	15.2	L.010
HIGH	0.05	7.1	L.005	0.042	L.002	35.1	1.4	1.4	36.1	L.01
AVERAGE	0.02	5.8		0.011		23.6	0.6	0.9	26.9	
STD.DEV	0.02	0.9		0.015		5.5	0.3	0.3	5.6	
PERCENT:10TH	L.01	4.7				15.9	0.3	0.5	20.0	L.010
25TH	L.01	5.30	L.005	L.001	L.002	20.0	0.4	0.6	23.2	L.01
MEDIAN 50TH	0.02	5.8	L.005	0.003	L.002	22.8	0.6	0.9	27.2	L.01
75TH	0.03	6.4	L.005	0.016	L.002	27.6	0.8	1.1	31.5	L.010
90TH	0.05	7.0				31.6	1.1	1.2	33.3	L.010
BACKUP CODES		02L		64L	57L 59L		02L 06L 01L	02L 01L	01L 02L	04L

	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	2	15				4	1		4	3
LOW	L.01	L.001				0.001	L.01		0.001	L.01
HIGH	L.01	0.30				0.011	L.01		0.008	L.01
AVERAGE		0.05				0.004			0.004	
STD.DEV		0.09				0.005			0.003	
PERCNT:10TH		L.001								
25TH		L.001				0.002			0.002	
MEDIAN 50TH	L.01	0.020				0.003			0.003	L.01
75TH		0.03				0.007			0.006	
90TH		0.230								
BACKUP CODES	03L 04L	01L					06L			01L 04L

[illegible]

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# WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09EB0002** FOR PERIOD **29/ 11/ 73** TO **29/ 11/ 73**  
 LAT. **64 ° 2 ' 50 "** LONG. **139 ° 27 ' 0 "**  
 YUKON RIVER ABOVE CONFLUENCE OF KLONDIKE RIVER, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES						1	1	1	1	
LOW						26.2	0.3	0.6	29.1	
HIGH						26.2	0.3	0.6	29.1	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES							06L		01L	

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09EC0001

FOR PERIOD 21 06 73 TO 09 08 73

LAT 64 ° 27 ' 19 "

LONG 140 ° 44 ' 32 "

EASTER CREEK AT DAM, CASSIAR ASBESTOS MINE, CLINTON CREEK, YUKON TERRITORY

	10000L HARDNESS TOTAL	10101L PH	10101L ALKALINITY TOTAL	10101L ALKALINITY PHENOL- PHTHALEIN	10101L COLOUR APPARENT	10101L TURBIDITY	10101L SATURATION INDEX	10101L STABILITY INDEX	10101L SPECIFIC CONDUCT	10101L SPECIFIC CONDUCT
	CALCD MG/L	PERCENTS	CALCD MG/L	CALCD MG/L	REL. UNITS	JTU	CALCD PERCENTS	CALCD PERCENTS	CM	US/M
SAMPLES	4	4	4	4	4	4			4	
LOW	121.	7.5	68	0	10	0.5			225	
HIGH	462.	8.7	279	72	120	4.6			680	
AVERAGE	330.	8.2	186	19	45	2.3			526	
STD.DEV	147.	0.6	88	35	51	1.8			204	
PERCNT:10TH										
25TH	233.	7.7	127	0	15	0.9			405	
MEDIAN 50TH	369.	8.2	199	3	25	2.1			599	
75TH	427.	8.6	246	39	75	3.7			647	
90TH										

BACKUP CODES:

	10203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06001L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES		1	1						4	4
LOW		4	3						83	0
HIGH		4	3						246	86
AVERAGE									180	23
STD.DEV									73	42
PERCNT:10TH										
25TH									124	0
MEDIAN 50TH									196	3
75TH									237	46
90TH										

BACKUP CODES:

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11101L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12101L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	4									
LOW	1.0									
HIGH	4.5									
AVERAGE	2.8									
STD.DEV	1.9									
PERCNT:10TH										
25TH	1.2									
MEDIAN 50TH	2.8									
75TH	4.4									
90TH										

BACKUP CODES:



STATION **00YT09EC0001** FOR PERIOD **21/06/73** TO **09/08/73**  
LAT. **64 ° 27 ' 19 "** LONG. **140 ° 44 ' 32 "**  
EASTER CREEK AT DAM, CASSIAR ASBESTOS MINE, CLINTON CREEK, YUKON TERRITORY

[illegible]

## BACKUP CODES

[illegible]

## BACKUP CODES

[illegible]

## BACKUP CODES

# WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09EC0002

FOR PERIOD 21 06 73 TO 09 08 73

LAT 64 26 ' 52 " LONG 140 ° 43 ' 54 "

CLINTON CREEK BELOW CONFLUENCE WITH EASTER CREEK YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	AS AP- P.M.		AS AP- P.M.	AS AP- P.M.	REL. UNIT			REL. UNITS	CMH/M	CMH/M
SAMPLES	4	4	4	4	4	4			4	
LOW	154.	7.5	74	0	40	0.2			291	
HIGH	387.	8.5	178	6	100	0.7			679	
AVERAGE	299.	8.0	135	2	64	0.6			532	
STD.DEV	104.	0.4	45	3	26	0.2			171	
PERCNT:10TH										
25TH	226.	7.7	102	0	48	0.4			414	
MEDIAN 50TH	327.	8.0	144	0	58	0.7			580	
75TH	372.	8.4	168	3	80	0.7			651	
90TH										

BACKUP CODES

	0020PL TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10801L RESIDUE FIXED NONFILTR.	10451L RESIDUE FIXED FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06001L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.) HCO3	06301L CARBONATE (CALCD.) CO3
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES									4	4
LOW									91	0
HIGH									202	7
AVERAGE									161	2
STD.DEV									50	4
PERCNT:10TH										
25TH									125	0
MEDIAN 50TH									176	0
75TH									198	4
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09005L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	4									
LOW	1.1									
HIGH	4.5									
AVERAGE	2.9									
STD.DEV	1.6									
PERCNT:10TH										
25TH	1.5									
MEDIAN 50TH	3.0									
75TH	4.3									
90TH										

BACKUP CODES

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09EC0002** FOR PERIOD **21/06/72** TO **09/08/73**

LAT. **64 ° 26 ' 52 "** LONG. **140 ° 43 ' 54 "**

CLINTON CREEK BELOW CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES						4			1	
LOW						69.0			10.	
HIGH						194.			10.	
AVERAGE						152.				
STD.DEV						58.				
PERCNT:10TH										
25TH						113.				
MEDIAN 50TH						173.				
75TH						192.				
90TH										

BACKUP CODES

01L

	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	4		4					4		1
LOW	0.03		0.15					0.002		0.003
HIGH	0.15		0.37					0.004		0.003
AVERAGE	0.07		0.23					0.003		
STD.DEV	0.05		0.10					0.001		
PERCNT:10TH										
25TH	0.04		0.17					0.002		
MEDIAN 50TH	0.05		0.21					0.003		
75TH	0.11		0.30					0.004		
90TH										

BACKUP CODES

04P

	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	3	2								4
LOW	0.002	0.005								L.001
HIGH	0.006	0.008								L.001
AVERAGE	0.003	0.006								
STD.DEV	0.002	0.002								
PERCNT:10TH										
25TH										L.001
MEDIAN 50TH	0.002	0.007								L.001
75TH										L.001
90TH										

BACKUP CODES

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09EC0003 FOR PERIOD 21 06 73 TO 16 08 73

LAT 64 ° 26 ' 44 " LONG 140 ° 44 ' 25 "

CLINTON CREEK ABOVE CONFLUENCE WITH EASTER CREEK YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	CA-CL MG/L		CA-CL MG/L	CA-CL MG/L					CMH	CMH
SAMPLES	5	5	5	5	5	5			5	
LOW	163.	7.5	71	0	20	0.2			308	
HIGH	545.	8.5	215	6	100	0.7			932	
AVERAGE	360.	7.8	155	1	52	0.5			626	
STD.DEV	141	0.4	56	3	30	0.2			230	
PERCNT:10TH										
25TH	297	7.7	126	0	40	0.3			525	
MEDIAN 50TH	388.	7.7	179	0	40	0.4			673	
75TH	405	7.8	182	0	60	0.7			692	
90TH										

BACKUP CODES

	00202L TOTAL DISSOLVED SOLIDS (CALCD) MG/L	10401L RESIDUE NONFILTR	10401L RESIDUE FIXED NONFILTR	10401L RESIDUE FILTERABLE	10501L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C MG/L	06001L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONTE (CALCD) MG/L	06201L CARBONATE (CALCD) MG/L
SAMPLES		5	5	5	5	5	5	5	5	5
LOW									87	0
HIGH									247	7
AVERAGE									186	1
STD.DEV									65	3
PERCNT:10TH										
25TH									154	0
MEDIAN 50TH									218	0
75TH									222	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD) MG/L	07000L NITROGEN TOTAL KJELDAHL MG/L	07100L NITROGEN DISSOLVED NO3 & NO2 MG/L	07300L NITROGEN DISSOLVED NITRATE MG/L	07501L NITROGEN DISSOLVED AMMONIA MG/L	08401L OXYGEN CONSUMED MG/L	09100L FLUORIDE DISSOLVED MG/L	09100L SODIUM DISSOLVED MG/L	09100L SODIUM ABSORPTION RATIO REL. UNITS	10100L MAGNESIUM DISSOLVED MG/L
SAMPLES	5									
LOW	1.3									
HIGH	7.0									
AVERAGE	4.7									
STD.DEV	2.4									
PERCNT:10TH										
25TH	3.8									
MEDIAN 50TH	4.4									
75TH	6.9									
90TH										

BACKUP CODES

STATION **00YT09EC0003** FOR PERIOD **21/06/73** TO **16/08/73**  
LAT. **64 ° 26 ' 44 "** LONG. **140 ° 44 ' 25 "**  
CLINTON CREEK ABOVE CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY

PERCNT:10TH  
25TH  
MEDIAN 50TH  
75TH  
90TH

## BACKUP CODES

PERCNT:10TH  
25TH  
MEDIAN 50TH  
75TH  
90TH

## BACKUP CODES

PERCNT:10TH  
25TH  
MEDIAN 50TH  
75TH  
90TH

## BACKUP CODES

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09EC0004 FOR PERIOD 21 06 73 TO 16 08 73

LAT 64 ° 26 ' 41 " LONG 140 ° 42 ' 44 "

CLINTON CREEK DOWNSTREAM OF CASSIAR ASBESTOS MINE WASTE ROCK PILE  
YUKON TERRITORY

	100000L HARDNESS TOTAL	100000L PH	100000L ALKALINITY TOTAL	100000L ALKALINITY PHENOL- PHTHALEIN	100000L COLOUR APPARENT	100000L TURBIDITY	100000L SATURATION INDEX	100000L STABILITY INDEX	100000L SPE. CONDUCT	100000L SPECIFIC CONDUCT
	MG/L		MG/L	MG/L	PCU	NTU	PERCENT	PERCENT	CMH	CMH
SAMPLES	4	4	4	4	4	4			4	
LOW	181.	7.5	96	0	80	6.0			333	
HIGH	750.	8.4	314	2	150	4100.			11900	
AVERAGE	498.	7.9	210	1	113	1056.			3517	
STD.DEV	258	0.4	95	1	30	2030			849.7	
PERCNT:10TH										
25TH	292	7.7	135	0	90	6.1			537	
MEDIAN 50TH	531.	7.9	216	0	110	58.			918	
75TH	705	8.2	286	1	135	2105			6498	
90TH										

BACKUP CODES

	100000L TOTAL DISSOLVED SOLIDS (CALCD.)	100000L RESIDUE NONFILTR.	100000L RESIDUE FIXED NONFILTR.	100000L RESIDUE FILTERABLE	100000L RESIDUE FIXED FILTERABLE	100000L CARBON TOTAL ORGANIC C	100000L CARBON TOTAL INORGANIC C	100000L CARBON DISSOLVED ORGANIC C	100000L BICARBONT. (CALCD.)	100000L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES		3	2						4	4
LOW		28	8						118	0
HIGH		7116	49						383	2
AVERAGE		2398	29						255	1
STD.DEV		4086	29						115	1
PERCNT:10TH										
25TH									165	0
MEDIAN 50TH		51	29						260	0
75TH									346	1
90TH										

BACKUP CODES

	100000L FREE CO2 (CALCD.)	100000L NITROGEN TOTAL KJELDAHL	100000L NITROGEN DISSOLVED NO3 & NO2	100000L NITROGEN DISSOLVED NITRATE	100000L NITROGEN DISSOLVED AMMONIA	100000L OXYGEN CONSUMED	100000L FLUORIDE DISSOLVED	100000L SODIUM DISSOLVED	100000L SODIUM ABSORPTION RATIO	100000L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	4									
LOW	1.9									
HIGH	9.6									
AVERAGE	5.2									
STD.DEV	3.4									
PERCNT:10TH										
25TH	2.6									
MEDIAN 50TH	4.6									
75TH	7.8									
90TH										

BACKUP CODES



BACKUP CODES 04P

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT09EC0005** FOR PERIOD **21 06 73** TO **12 10 73**  
 LAT **64 ° 23 ' 40 "** LONG **140 ° 35 ' 50 "**  
 FORTYMILE RIVER AT CASSIAR ASBESTOS MINE POWER PLANT YUKON TERRITORY

	10001L HARDNESS TOTAL	10001L PH	10101L ALKALINITY TOTAL	10101L ALKALINITY PHENOL- PHTHALEIN CA503	02011L COLOUR APPARENT	02011L TURBIDITY	02011L SATURATION INDEX	02011L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.
	03 MG/L	PH UNITS	CA503 MG/L	MG/L	REL UNITS	JTU	(CALCD.) PH UNITS	(CALCD.) PH UNITS	US/M	US/M
SAMPLES	6	6	6	6	6	6			6	
LOW	38.6	7.0	25	0	30	0.3			126	
HIGH	110.	8.3	71	0	100	11.0			768	
AVERAGE	68.	7.7	48	0	56	2.3			255	
STD.DEV	23.	0.4	15	0	24	4.3			253	
PERCNT:10TH										
25TH	60.0	7.5	43	0	45	0.5			132	
MEDIAN 50TH	63.5	7.7	47	0	50	0.5			145	
75TH	73.0	7.9	54	0	60	1.0			212	
90TH										

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES		1	1						6	6
LOW		59	47						31	0
HIGH		59	47						87	0
AVERAGE									59	0
STD.DEV									18	0
PERCNT:10TH										
25TH									52	0
MEDIAN 50TH									58	0
75TH									66	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07300L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	O2 MG/L	F MG/L	NA MG/L	REL UNITS	MG/L
SAMPLES	6									
LOW	0.7									
HIGH	4.9									
AVERAGE	2.3									
STD.DEV	1.5									
PERCNT:10TH										
25TH	1.1									
MEDIAN 50TH	2.1									
75TH	2.8									
90TH										

BACKUP CODES

STATION **00YT09EC0005** FOR PERIOD **21/06/73** TO **12/10/73**  
LAT. **64 ° 23 ' 40 "** LONG. **140 ° 35 ' 50 "**  
FORTYMILE RIVER AT CASSIAR ASBESTOS MINE POWER PLANT, YUKON TERRITORY

[illegible]

# WATER QUALITY DATA 1961-1973 SUMMARY

STATION **00YT09EC0006** FOR PERIOD **21 06 73** TO **12 10 73**

LAT **64 ° 24 ' 7 "** LONG **140 ° 36 ' 22 "**

CLINTON CREEK AT BRIDGE ON CASSIAR ASBESTOS MINE TOWNSITE ROAD  
YUKON TERRITORY

	100001L HARDNESS TOTAL	100001L PH	100001L ALKALINITY TOTAL	100001L ALKALINITY PHENOL- PHTHALEIN	000001L COLOUR APPARENT	000001L TURBIDITY	000001L SATURATION INDEX	000001L STABILITY INDEX	000001L SPECIFIC CONDUCT.	000001L SPECIFIC CONDUCT
	CALCD MG/L	PH UNITS	CALCD MG/L	CALCD MG/L	REL. UNITS	JTU	CALCD PH UNITS	CALCD PH UNITS	CM/M	CM/M
SAMPLES	6	6	6	6	6	6			6	
LOW	190.	7.5	95	0	40	0.4			333	
HIGH	552.	8.8	285	14	120	105.			920	
AVERAGE	361.	8.1	179	3	74	35.			618	
STD.DEV	143.	0.5	77	6	37	53.			228	
PERCNT:10TH										
25TH	211.	7.6	100	0	40	0.5			393	
MEDIAN 50TH	368.	8.0	173	0	63	1.0			627	
75TH	479.	8.5	250	6	120	100.			805	
90TH										

BACKUP CODES

	010001L TOTAL DISSOLVED SOLIDS (CALCD.)	100001L RESIDUE NONFILTR.	105001L RESIDUE FIXED NONFILTR.	104501L RESIDUE FILTERABLE	105501L RESIDUE FIXED FILTERABLE	060001L CARBON TOTAL ORGANIC C	060001L CARBON TOTAL INORGANIC C	061001L CARBON DISSOLVED ORGANIC C	060001L BICARBONT. (CALCD.)	060001L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES		2							6	6
LOW		1851							116	0
HIGH		2536							333	17
AVERAGE		2194							210	4
STD.DEV		484							84	7
PERCNT:10TH										
25TH									121	0
MEDIAN 50TH		2194							211	0
75TH									270	7
90TH										

BACKUP CODES

	064001L FREE CO2 (CALCD.)	070002L NITROGEN TOTAL KJELDAHL	071001L NITROGEN DISSOLVED NO3 & NO2	073001L NITROGEN DISSOLVED NITRATE	075501L NITROGEN DISSOLVED AMMONIA	084001L OXYGEN CONSUMED	091001L FLUORIDE DISSOLVED	111001L SODIUM DISSOLVED	112001L SODIUM ABSORPTION RATIO	121001L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	6									
LOW	0.7									
HIGH	8.0									
AVERAGE	3.8									
STD.DEV	2.8									
PERCNT:10TH										
25TH	1.7									
MEDIAN 50TH	3.2									
75TH	5.8									
90TH										

BACKUP CODES



## WATER QUALITY DATA 1961-1973: SUMMARY

STATION 00YT09EC0007

FOR PERIOD 21 06 73 TO 12 10 73

LAT 64° 23' 53"

LONG 140 ° 35 ' 35 "

CLINTON CREEK AT FOOTBRIDGE ABOVE CONFLUENCE WITH FORTY MILE RIVER  
YUKON TERRITORY

[illegible]





## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09EC0008

FOR PERIOD 21 06 73 TO 12 10 73

LAT 64 ° 24 ' 10 " LONG 140 ° 35 ' 28 "

FORTY MILE RIVER BELOW CONFLUENCE WITH CLINTON CREEK, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	LABOR MG/L		CALC'D MG/L	CALC'D MG/L	UNIT	JTU	CALC'D PERCENT		CM	US/M
SAMPLES	6	6	6	6	6	6			6	
LOW	68.3	7.1	40	0	30	0.4			132	
HIGH	112.	8.4	77	1	100	37.0			227	
AVERAGE	81.	7.8	55	0	58	11.7			165	
STD.DEV	17.	0.5	12	0	24	17.4			34	
PERCENT:10TH										
25TH	69.3	7.4	49	0	45	0.4			147	
MEDIAN 50TH	74.7	7.8	52	0	50	0.6			153	
75TH	85.5	8.0	59	0	70	31.0			177	
90TH										

BACKUP CODES

	00203L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C MG/L	06051L CARBON TOTAL INORGANIC C MG/L	06001L CARBON DISSOLVED ORGANIC C MG/L	76201L BICARBONAT. (CALCD.) HCO3 MG/L	06301L CARBONATE (CALCD.) CO3 MG/L
SAMPLES		2	2						6	6
LOW		185	149						49	0
HIGH		280	221						92	1
AVERAGE		233	185						67	0
STD.DEV		67	51						15	0
PERCENT:10TH										
25TH									60	0
MEDIAN 50TH		233	185						63	0
75TH									72	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCD.) CO2 MG/L	07002L NITROGEN TOTAL KJELDAHL N MG/L	07105L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07306L NITROGEN DISSOLVED NITRATE N MG/L	07551L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED O2 MG/L	09105L FLUORIDE DISSOLVED F MG/L	11103L SODIUM DISSOLVED NA MG/L	11201L SODIUM ABSORPTION RATIO REL. UNITS	12102L MAGNESIUM DISSOLVED MG/L
SAMPLES	6									
LOW	0.6									
HIGH	6.2									
AVERAGE	2.5									
STD.DEV	2.2									
PERCENT:10TH										
25TH	0.9									
MEDIAN 50TH	1.7									
75TH	4.1									
90TH										

BACKUP CODES

STATION **00YT09EC0008** FOR PERIOD **21/06/73** TO **12/10/73**  
LAT. **64 ° 24 ' 10 "** LONG. **140 ° 35 ' 28 "**  
FORTYMILE RIVER BELOW CONFLUENCE WITH CLINTON CREEK, YUKON TERRITORY

[illegible]

## BACKUP CODES

011

[illegible]

## BACKUP CODES

04L

[illegible]

## BACKUP CODES

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT09FD0001 FOR PERIOD 22 08 67 TO 14 09 73

LAT 67° 33' 50" LONG 139° 53' 0"

PORCUPINE RIVER AT W.S.C. GAUGE NEAR R.C.M.P. BARRACKS IN OLD CROW  
YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	TOTAL ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	RESISTANCE TO CORROSION	CONDUCTIVITY
	MG/L	PH UNITS	MG/L	MG/L	REL. UNITS	JTU	PH UNITS	PH UNITS	U.S. M.	CMH/CM
SAMPLES	52	52	52	52	50	51	49	49	52	
LOW	7.8	6.5	8	0	L5	0.2	-3.5	6.4	15	
HIGH	210.	8.6	182	6	120	135.	1.1	13.5	470	
AVERAGE	124.	7.8	104	0	28	20.	-0.1	8.0	247	
STD.DEV	57.	0.4	51	1	30	32.	0.8	1.3	121	
PERCENT:10TH	53.0	7.5	42	0	L5	0.6	-0.8	6.9	97	
25TH	75.5	7.6	62	0	5	1.4	-0.6	7.2	148	
MEDIAN 50TH	120.	7.8	105	0	10	5.7	0.1	7.6	256	
75TH	180.	8.0	152	0	50	23.0	0.3	8.8	367	
90TH	197.	8.3	166	0	63	64.0	0.7	9.4	394	

BACKUP CODES

	W000L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONATE (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	49	10	10	3	3	4	4		52	52
LOW	9	5	2	93	65	2.0	12.0		10	0
HIGH	227	478	420	219	204	13.0	28.0		222	7
AVERAGE	133	97	84	146	125	7.5	22.3		127	0
STD.DEV	64	155	139	65	72	4.5	7.0		62	1
PERCENT:10TH	52	6	2						51	0
25TH	76	8	3			4.5	18.0		75	0
MEDIAN 50TH	133	24	19	127	105	7.5	24.5		128	0
75TH	192	110	97			10.5	26.5		183	0
90TH	216	367	328						202	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09305L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12302L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	52	1	47		12	7	20	52	52	
LOW	0.1	0.0	L.005		L.1	L.5	0.00	0.4	0.02	
HIGH	13.4	0.0	2.71		0.5	7.8	0.17	7.3	0.23	
AVERAGE	3.6		0.21		0.2	4.1	0.08	3.5	0.13	
STD.DEV	3.2		0.39		0.1	2.7	0.04	2.3	0.06	
PERCENT:10TH	1.1		L.005		L.1		0.05	0.7	0.04	
25TH	1.3		0.070		L.1	1.8	0.06	1.3	0.07	
MEDIAN 50TH	2.3		0.170		0.1	3.5	0.09	3.4	0.14	
75TH	5.0		0.226		0.2	7.1	0.10	5.7	0.18	
90TH	8.3		0.316		0.3		0.12	6.3	0.20	

BACKUP CODES

STATION **00YT09FD0001** FOR PERIOD **22/08/67** TO **14/09/73**  
LAT. **67° 33' 50"** LONG. **139° 53' 0"**  
PORCUPINE RIVER AT W.S.C. GAUGE NEAR R.C.M.P. BARRACKS IN OLD CROW,  
YUKON TERRITORY

[illegible]

WATER QUALITY DATA 1961-1973 SUMMARY

STATION 00YT10AA0001 FOR PERIOD 29 11 68 TO 10 10 73

LAT 60 3' 0" LONG 128 54' 0"

LIARD RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY IN UPPER LIARD CROSSING YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	TEMPERATURE STABILITY INDEX	TEMPERATURE SPECIFIC CONDUCT.	TEMPERATURE SPECIFIC CONDUCT.
	MG/L	PH UNITS	MG/L	MG/L	PCU	NTU	PERCENTS	PERCENTS	US/M	US/M
SAMPLES	15	15	15	15	16	16	13	13	16	1
LOW	63.4	7.5	50	0	15	0.2	-0.6	6.8	124	135
HIGH	222.	8.4	217	2	60	67.0	0.6	8.9	393	135
AVERAGE	111.	8.0	102	0	16	11.1	0.1	7.8	211	
STD.DEV	39.	0.2	40	1	15	17.8	0.3	0.6	70	
PERCENT:10TH	63.6	7.8	57	0	5	1.3	-0.3	7.3	125	
25TH	85.1	7.9	78	0	6	1.5	0.0	7.4	149	
MEDIAN 50TH	107.	8.0	102	0	10	2.6	0.0	7.9	218	
75TH	131.	8.2	118	0	18	12.8	0.4	8.0	244	
90TH	132.	8.3	126	0	40	35.0	0.5	8.6	276	

BACKUP CODES

	102001 TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	104001 RESIDUE NONFILTR. MG/L	106001 RESIDUE FIXED NONFILTR. MG/L	104501 RESIDUE FILTERABLE MG/L	106501 RESIDUE FIXED FILTERABLE MG/L	100001 CARBON TOTAL ORGANIC MG/L	100501 CARBON TOTAL INORGANIC C MG/L	061001 CARBON DISSOLVED ORGANIC C MG/L	062001 BICARBONATE (CALCD.) HCO3 MG/L	063001 CARBONATE (CALCD.) CO3 MG/L
SAMPLES	13	7	6			6	6		15	15
LOW	63	13	8			1.5	8.2		61	0
HIGH	216	238	215			20.0	27.0		265	2
AVERAGE	115	64	60			9.2	18.7		124	0
STD.DEV	39	78	77			7.7	7.5		49	1
PERCENT:10TH	66								69	0
25TH	95	20	16			2.0	11.0		95	0
MEDIAN 50TH	112	39	37			8.5	21.0		124	0
75TH	131	54	49			16.0	24.0		144	0
90TH	149								149	0

BACKUP CODES

	094001 FREE CO2 (CALCD.) CO2 MG/L	070001 NITROGEN TOTAL KJELDAHL N MG/L	071001 NITROGEN DISSOLVED NO3 & NO2 N MG/L	073001 NITROGEN DISSOLVED NITRATE N MG/L	074501 NITROGEN DISSOLVED AMMONIA N MG/L	084001 OXYGEN CONSUMED MG/L	091001 FLUORIDE DISSOLVED F MG/L	111001 SODIUM DISSOLVED NA MG/L	112001 SODIUM ABSORPTION RATIO REL. UNITS	121001 MAGNESIUM DISSOLVED MG/L
SAMPLES	15	2	13		5	1	12	15	15	
LOW	0.9	1.5	0.009		1.1	1.8	0.05	0.8	0.04	
HIGH	4.2	1.5	0.230		0.1	1.8	1.10	4.6	0.17	
AVERAGE	1.9		0.060		0.1		0.08	1.6	0.06	
STD.DEV	1.0		0.071		0.0		0.01	0.9	0.03	
PERCENT:10TH	1.0		0.010				0.07	0.9	0.05	
25TH	1.1		0.010		1.1		0.07	1.1	0.05	
MEDIAN 50TH	1.5	1.5	0.020		1.1		0.08	1.3	0.05	
75TH	2.5		0.080		1.1		0.09	1.7	0.06	
90TH	3.5		0.150				1.10	2.2	0.07	

BACKUP CODES





WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **00YT10AB0001** FOR PERIOD **10 06 69** TO **04 08 73**

LAT **60 ° 27 ' 14 "** LONG **129 ° 8 ' 8 "**

FRANCES RIVER AT W.S.C. GAUGE AT BRIDGE ON ROBERT CAMPBELL HIGHWAY  
ABOUT 37 MILES NORTH OF WATSON LAKE, YUKON TERRITORY

	100101L HARDNESS TOTAL	10311L PH	10111L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02111L COLOUR APPARENT	02109L TURBIDITY	00810L SATURATION INDEX	00211L STABILITY INDEX	00411L SPECIFIC CONDUCT.	00411L SPECIFIC CONDUCT.
	14003 MG/L	PH UNITS	14003 MG/L	14103 MG/L	REL. UNITS	JTU	14003 PH UNITS	14003 PH UNITS	US CM	US CM
SAMPLES	15	15	15	15	15	15	12	12	15	1
LOW	55.2	7.4	46	0	L5	0.6	-0.8	7.9	115	120
HIGH	104.	8.1	91	0	30	6.2	0.1	9.2	213	120
AVERAGE	73.	7.9	62	0	12	2.4	-0.4	8.6	148	
STD.DEV	17.	0.2	17	0	7	1.6	0.3	0.4	35	
PERCNT:10TH	57.1	7.6	47	0	5	0.8	-0.8	8.2	116	
25TH	60.8	7.7	49	0	5	1.0	-0.5	8.4	121	
MEDIAN 50TH	67.2	7.9	55	0	10	1.9	-0.4	8.7	135	
75TH	98.2	8.0	86	0	15	2.8	-0.3	8.9	192	
90TH	98.7	8.1	87	0	20	5.0	-0.1	9.2	204	

BACKUP CODES

	04203L TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	12	3	3			4	4		15	15
LOW	60	10	7			3.0	6.8		56	0
HIGH	107	19	13			9.0	17.0		110	0
AVERAGE	77	15	9			5.8	12.7		75	0
STD.DEV	17	5	3			2.5	5.1		20	0
PERCNT:10TH	61								57	0
25TH	64					4.0	8.4		60	0
MEDIAN 50TH	73	15	8			5.5	13.5		68	0
75TH	90					7.5	17.0		104	0
90TH	103								107	0

BACKUP CODES

	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	F MG/L	NA MG/L	REL. UNITS	MG MG/L
SAMPLES	15	1	11		5		11	15	15	
LOW	0.9	L.5	0.011		L.1		0.05	0.8	0.04	
HIGH	4.2	L.5	0.520		L.1		0.10	1.7	0.07	
AVERAGE	1.9		0.081				0.07	1.2	0.06	
STD.DEV	1.1		0.148				0.02	0.3	0.01	
PERCNT:10TH	0.9		0.016				0.06	0.8	0.04	
25TH	1.1		0.020		L.1		0.06	1.0	0.05	
MEDIAN 50TH	1.3		0.030		L.1		0.07	1.0	0.06	
75TH	2.1		0.070		L.1		0.07	1.5	0.07	
90TH	3.8		0.090				L.10	1.7	0.07	

BACKUP CODES

06L

04L

STATION **00YT10AB0001** FOR PERIOD **10/06/69** TO **04/08/73**  
LAT. **60° 27' 14"** LONG. **129° 8' 8"**  
FRANCES RIVER AT W.S.C. GAUGE AT BRIDGE ON ROBERT CAMPBELL HIGHWAY  
ABOUT 37 MILES NORTH OF WATSON LAKE, YUKON TERRITORY

[illegible]

# WATER QUALITY DATA 1961-1973 SUMMARY

STATION 01YT08AA0001 FOR PERIOD 29 07 73 TO 29 07 73  
 LAT 60° 30' LONG 137° 38'  
 SOCKEYE LAKE YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	MG/L		MG/L	MG/L	REL. UNT.		PERCENT	PERCENT	CMH/M	CMH/M
SAMPLES	1	1	1	1	1	1			1	
LOW	85.4	8.0	77	0	5	0.8			170	
HIGH	85.4	8.0	77	0	5	0.8			170	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	TOTAL DISSOLVED SOLIDS (CALCD.)	RESIDUE NONFILTR.	RESIDUE FIXED NONFILTR.	RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT (CALCD.)	CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES									1	1
LOW									94	0
HIGH									94	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	FREE CO2 (CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNIT	MG/L
SAMPLES	1		1					1	1	
LOW	1.5		0.02					2.1	0.10	
HIGH	1.5		0.02					2.1	0.10	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

STATION **01YT08AA0001** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60° 30'** LONG. **137° 38'**  
SCKEYE LAKE, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 01YT08AA0002 FOR PERIOD 29 07 73 TO 29 07 73

LAT 60° 32' LONG 137° 30'

UPPER KATHLEEN LAKE YUKON TERRITORY

[illegible][illegible][illegible]



STATION **01YT08AA0002** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60° 32'** LONG. **137° 30'**  
UPPER KATHLEEN LAKE, YUKON TERRITORY

[illegible]

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **01YT08AA0003** FOR PERIOD **29 07 73** TO **29 07 73**  
 LAT **60 ° 34 '** LONG **137 ° 18 '**  
 LOWER KATHLEEN LAKE, YUKON TERRITORY

	100001L HARDNESS TOTAL	100011L PH	101011L ALKALINITY TOTAL	101041L ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	121011L SPECIFIC CONDUCT.	121041L SPECIFIC CONDUCT
	(CALCD.) MG/L	PH UNITS	(CALCD.) MG/L	(CALCD.) MG/L	REL. UNITS		(CALCD.) PH UNITS	(CALCD.) PH UNITS	US CM	US CM
SAMPLES	1	1	1	1	1	1			1	
LOW	110.	8.1	88	0	L5	0.5			218	
HIGH	110.	8.1	88	0	L5	0.5			218	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	002001L TOTAL DISSOLVED SOLIDS (CALCD.)	104011L RESIDUE NONFILTR.	105011L RESIDUE FIXED NONFILTR.	104511L RESIDUE FILTERABLE	105511L RESIDUE FIXED FILTERABLE	060511L CARBON TOTAL ORGANIC C	061511L CARBON TOTAL INORGANIC C	061011L CARBON DISSOLVED ORGANIC C	062011L BICARBONT. (CALCD.)	064011L CARBONATE (CALCD.)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES									1	1
LOW									108	0
HIGH									108	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

	064011L FREE CO2 (CALCD.)	070021L NITROGEN TOTAL KJELDAHL N	071051L NITROGEN DISSOLVED NO3 & NO2 N	073061L NITROGEN DISSOLVED NITRATE N	075511L NITROGEN DISSOLVED AMMONIA N	084511L OXYGEN CONSUMED O2	091041L FLUORIDE DISSOLVED F	111031L SODIUM DISSOLVED NA	112011L SODIUM ABSORPTION RATIO	121021L MAGNESIUM DISSOLVED MG
	CO2 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	REL. UNITS	MG/L
SAMPLES	1		1					1	1	
LOW	1.3		0.03					2.6	0.11	
HIGH	1.3		0.03					2.6	0.11	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										

BACKUP CODES

STATION **01YT08AA0003** FOR PERIOD **29/07/73** TO **29/07/73**  
LAT. **60 ° 34 '** LONG. **137 ° 18 '**  
LOWER KATHLEEN LAKE, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 01YT08AB0001

FOR PERIOD 26 08 73 TO 26 08 73

60° 18'

LONG. 137° 27'

MUSH LAKE, YUKON TERRITORY

[illegible][illegible][illegible]

STATION **01YT08AB0001** FOR PERIOD **26/08/73** TO **26/08/73**  
LAT. **60 ° 18 '** LONG. **137 ° 27 '**  
MUSH LAKE, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 01YT08AB0002

FOR PERIOD 26 08 73 TO 26 08 73

BATES LAKE, YUKON TERRITORY

[illegible][illegible][illegible]



[illegible]

## WATER QUALITY DATA 1961-1973 SUMMARY

STATION 01YT08AC0001

FOR PERIOD 13 08 73 TO 13 08 73

60 6'

LONG. 137° 25'

ONION LAKE YUKON TERRITORY

[illegible]

STATION **01YT08AC0001** FOR PERIOD **13/08/73** TO **13/08/73**  
LAT. **60 ° 6 '** LONG. **137 ° 25 '**  
ONION LAKE, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 01YT09AA0001 FOR PERIOD 27 08 70 TO 23 05 73

LAT. 60° 2' 50" LONG 134° 34' 10"

TAGISH LAKE AT WINDY ARM ABOUT 3 MILES FROM OLD VENUS MINE SITE.  
YUKON TERRITORY

[illegible]

## BACKUP CODES

[illegible]

## BACKUP CODES

[illegible]

## BACKUP CODES

STATION **01YT09AA0001** FOR PERIOD **27/08/70** TO **23/05/73**  
LAT. **60° 2' 50"** LONG. **134° 34' 10"**  
TAGISH LAKE AT WINDY ARM ABOUT 3 MILES FROM OLD VENUS MINE SITE,  
YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	1101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SiO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		3				3	3	3	3	1
LOW		3.5				5.2	0.2	L.1	11.5	L.01
HIGH		11.0				19.7	11.2	2.8	47.7	L.01
AVERAGE		6.2				11.6	3.9	1.1	24.1	
STD.DEV		4.2				7.4	6.4	1.5	20.5	
PERCENT:10TH										
25TH										
MEDIAN 50TH		4.0				9.9	0.2	0.5	13.1	
75TH										
90TH										
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	1	2	4		1	1	3	1	1	3
LOW	L.01	0.010	L.05		L.01	L.01	0.002	L.01	L.01	0.013
HIGH	L.01	L.05	0.470		L.01	L.01	0.10	L.01	L.01	0.08
AVERAGE		0.03	0.195				0.04			0.04
STD.DEV		0.03	0.198				0.05			0.04
PERCENT:10TH										
25TH			0.05							
MEDIAN 50TH		L.03	0.130				L.01			0.02
75TH			0.340							
90TH										
BACKUP CODES		04L	02L 04P		01P	06L	06L	06P	04L	04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	1	1		1				1	2	1
LOW	L.01	0.000		L.01				L.05	0.001	L.01
HIGH	L.01	0.000		L.01				L.05	0.018	L.01
AVERAGE									0.010	
STD.DEV									0.012	
PERCENT:10TH										
25TH										
MEDIAN 50TH									0.010	
75TH										
90TH										
BACKUP CODES	04P	01L						01L		01P

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **01YT09AB0001** FOR PERIOD **30 03 70** TO **07 09 73**LAT **60 ° 38 ' 33 "** LONG **135 ° 1 ' 57 "**

CRATER LAKE ABOVE WHITEHORSE, YUKON TERRITORY

	100001L HARDNESS TOTAL		10101L PH	10201L ALKALINITY TOTAL	10301L ALKALINITY PHENOL- PHTHALEIN	10401L COLOUR APPARENT	10501L TURBIDITY	10601L SATURATION INDEX	10701L STABILITY INDEX	10801L SPECIFIC CONDUCT	10901L SPECIFIC CONDUCT
	MG/L		%	CALCO3 MG/L	CALCO3 MG/L	REL. UNITS	JTU	CALCO3 PH. UNITS	CALCO3 PH. UNITS	US. M.	CM.
SAMPLES	5		6	6	6	6	6	3	3	6	
LOW	160.		7.7	52	0	5	1.2	-0.8	6.8	123	
HIGH	255.		8.3	126	0	20	2.8	0.7	9.4	583	
AVERAGE	221.		8.0	99	0	11	1.9	0.0	7.9	453	
STD.DEV	38		0.2	26	0	6	0.6	0.8	1.3	176	
PERCNT:10TH											
25TH	214		7.8	91	0	5	1.3			390	
MEDIAN 50TH	222.		7.9	107	0	10	2.0	0.2	7.6	527	
75TH	252.		8.2	110	0	15	2.2			570	
90TH											

BACKUP CODES

	00201L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	06101L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCO3)	06301L CARBONATE (CALCO3)
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	3					3	2	1	6	6
LOW	61					1.5	16.0	0.2	63	0
HIGH	296					10.0	17.0	0.2	154	0
AVERAGE	186					5.8	16.5		120	0
STD.DEV	118					4.9	0.7		31	0
PERCNT:10TH										
25TH									110	0
MEDIAN 50TH	202					7.0	16.5		131	0
75TH									134	0
90TH										

BACKUP CODES

	06401L FREE CO2 (CALCO3)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	08501L FLUORIDE DISSOLVED	08601L SODIUM DISSOLVED	08701L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG/L	N MG/L	N MG/L	N MG/L	N MG/L	O2 MG/L	MG/L	NA MG/L	REL. UNITS	MG/L
SAMPLES	6		3				2	3	3	2
LOW	1.0		1.005				0.18	1.7	0.10	3.3
HIGH	3.0		1.40				0.19	16.7	0.49	12.3
AVERAGE	2.1		0.75				0.19	10.1	0.33	7.8
STD.DEV	0.8		0.70				0.01	7.6	0.21	6.4
PERCNT:10TH										
25TH	1.3									
MEDIAN 50TH	2.3		0.860				0.19	11.8	0.41	7.8
75TH	2.8									
90TH										

BACKUP CODES

06L



STATION **01YT09AB0001** FOR PERIOD **30/03/70** TO **07/09/73**  
LAT. **60° 38' 33"** LONG. **135° 1' 57"**  
CRATER LAKE ABOVE WHITEHORSE, YUKON TERRITORY

[illegible]

## WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 01YT09AB0002

FOR PERIOD 28 05 73 TO 24 07 73

60° 41' 33" LONG 135° 5' 14"

ICE LAKE AT WHITEHORSE, WATER SUPPLY FOR TRAILER COURT, YUKON TERRITORY

[illegible]

## BACKUP CODES

[illegible]

## BACKUP CODES

[illegible]

## BACKUP CODES

# WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION **01YT09AB0002** FOR PERIOD **28/05/73** TO **24/07/73**

LAT. **60 ° 41 ' 33 "** LONG. **135 ° 5 ' 14 "**

ICE LAKE AT WHITEHORSE, WATER SUPPLY FOR TRAILER COURT, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES		1		1	1	2	1	1	1	1
LOW		2.7		0.003	0.003	2.0	2.3	5.1	36.0	L.01
HIGH		2.7		0.003	0.003	3.3	2.3	5.1	36.0	L.01
AVERAGE						2.7				
STD.DEV						0.9				
PERCNT:10TH										
25TH										
MEDIAN 50TH						2.7				
75TH										
90TH										
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	3	1	3	1	1	1		3		1
LOW	0.02	L.05	L.05	L.01	L.01	0.003		L.001		0.003
HIGH	0.02	L.05	0.25	L.01	L.01	0.003		L.01		0.003
AVERAGE	0.02		0.13							
STD.DEV	0.00		0.11							
PERCNT:10TH										
25TH										
MEDIAN 50TH	0.02		0.08					L.001		
75TH										
90TH										
BACKUP CODES		04L	04P	01P	01P			06P		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	2	3		1	1			1		3
LOW	L.001	L.005		L.01	L.01			L.001		L.001
HIGH	0.01	0.009		L.01	L.01			L.001		L.01
AVERAGE	0.01	0.006								
STD.DEV	0.01	0.002								
PERCNT:10TH										
25TH										
MEDIAN 50TH	0.01	0.005								L.001
75TH										
90TH										
BACKUP CODES	04P				01P					01P



**Alphabetical Index**  
**Index alphabétique**





WATER QUALITY STATIONS : ALPHABETICAL INDEX

YUKON TERRITORY

Location Description	Station Number Station Parameters	Latitude			Longitude			Precision
		°	'	"	°	'	"	
BATES LAKE, YUKON TERRITORY	01YT08AB0002							
BEAR CREEK, YUKON TERRITORY	00YT08AB0003	60	19		137	30		7
BIG SALMON RIVER AT W.S.C. GAUGE NEAR CARMACKS ABOUT 3 MILES ABOVE MOUTH, YUKON TERRITORY	00YT09AG0001 97900S 001	61	52	22	134	50	0	4
BOB LAKE, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	01YT09BA0001	62	34		129	25		7
BREFALT CREEK AT ROAD CROSSING, UNITED KENO HILL MINES, ELSA, YUKON TERRITORY	00YT09DD0008	63	54	41	135	29	2	4
CLEAR CREEK, YUKON TERRITORY	00YT08AA0005	60	32		137	22		7
CLIMBING CREEK, YUKON TERRITORY	00YT08AB0001	60	6		137	34		7
CLINTON CREEK ABOVE CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY	00YT09EC0003	64	26	44	140	44	25	4
CLINTON CREEK AT BRIDGE ON CASSIAR ASBESTOS MINE TOWNSITE ROAD, YUKON TERRITORY	00YT09EC0006	64	24	7	140	36	22	4
CLINTON CREEK AT FOOTBRIDGE ABOVE CONFLUENCE WITH FORTY MILE RIVER, YUKON TERRITORY	00YT09EC0007	64	23	53	140	35	35	4
CLINTON CREEK BELOW CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY	00YT09EC0002	64	26	52	140	43	54	4
CLINTON CREEK DOWNSTREAM OF CASSIAR ASBESTOS MINE WASTE ROCK PILE, YUKON TERRITORY	00YT09EC0004	64	26	41	140	42	44	4
COTTONWOOD CREEK, YUKON TERRITORY	00YT08AA0001	60	30		137	39		7
CRATER LAKE ABOVE WHITEHORSE, YUKON TERRITORY	01YT09AB0001	60	38	33	135	1	57	4
CREEK DRAINING CRATER LAKE, YUKON TERRITORY	00YT09AB0005	60	38	35	135	1	57	4
CREEK ENTERING SWAMP AT SOUTH END, ARCTIC GOLD & SIVLER MINES, CARCROSS, YUKON TERRITORY	00YT09AA0003	60	7	20	134	42	26	4
DON CREEK ABOVE PELLY RIVER, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0005	62	32		129	47		7
DON CREEK HEADWATERS, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0004	62	29		129	17		7
DUCK CREEK, YUKON TERRITORY	00YT08AA0004	60	32		137	26		7

## YUKON TERRITORY

## WATER QUALITY STATIONS : ALPHABETICAL INDEX

Location Description	Station Number Station Parameters	Latitude			Longitude			Precision
		°	'	"	°	'	"	
EASTER CREEK AT DAM, CASSIAR ASBESTOS MINE, CLINTON CREEK, YUKON TERRITORY	00YT09EC0001	64	27	19	140	44	32	4
FIELD CREEK, YUKON TERRITORY	00YT08AB0006	60	12		137	39		7
FLAT CREEK AT BRIDGE ON SHANGHAI ROAD ABOUT 200 YARDS FROM MOUTH DOWNSTREAM OF UNITED KENO HILL MINES, YUKON TERRITORY	00YT09DD0004	63	55	10	135	41	25	4
FORTYMILE RIVER AT CASSIAR ASBESTOS MINE POWER PLANT, YUKON TERRITORY	00YT09EC0005	64	23	40	140	35	50	4
FORTYMILE RIVER BELOW CONFLUENCE WITH CLINTON CREEK, YUKON TERRITORY	00YT09EC0008	64	24	10	140	35	28	4
FRANCES RIVER AT W.S.C. GAUGE AT BRIDGE ON ROBERT CAMPBELL HIGHWAY ABOUT 37 MILES NORTH OF WATSON LAKE, YUKON TERRITORY	00YT10AB0001 97900S 001	60	27	14	129	8	8	4
GOAT CREEK, YUKON TERRITORY	00YT08AA0006	60	33		137	20		7
HIKING CREEK, YUKON TERRITORY	00YT08AC0001	60	6		137	25		7
ICE LAKE AT WHITEHORSE, WATER SUPPLY FOR TRAILER COURT, YUKON TERRITORY	01YT09AB0002	60	41	33	135	5	14	4
KLONDIKE RIVER ABOVE BONANZA CREEK, YUKON TERRITORY	00YT09EA0001 97900S 003	64	2	30	139	24	30	6
KLUANE RIVER AT W.S.C. GAUGE BELOW KLUANE LAKE, YUKON TERRITORY	00YT09CA0005	61	25	37	139	3	1	4
LIARD RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY IN UPPER LIARD CROSSING, YUKON TERRITORY	00YT10AA0001 97900S 001	60	3	0	128	54	0	6
LOWER KATHLEEN LAKE, YUKON TERRITORY	01YT08AA0003	60	34		137	18		7
LUBBOCK RIVER NEAR ATLIN, YUKON TERRITORY	00YT09AA0006	60	4	52	133	51	30	4
M'CLINTOCK RIVER AT W.S.C. GAUGE NEAR WHITEHORSE, YUKON TERRITORY	00YT09AB0002 97900S 008	60	36	45	134	27	27	4
MARSH CREEK AT CAMPSITE, YUKON TERRITORY	00YT08AA0002	60	30		137	39		7
MUSH CREEK, YUKON TERRITORY	00YT08AB0002	60	18		137	28		7
MUSH LAKE, YUKON TERRITORY	01YT08AB0001	60	18		137	27		7
NICKEL CREEK ABOVE HUDSON-YUKON MINE WATER OUTFALL, YUKON TERRITORY	00YT09CA0001	61	27	8	139	30	56	4

# WATER QUALITY STATIONS : ALPHABETICAL INDEX

## YUKON TERRITORY

Location Description	Station Number Station Parameters	Latitude			Longitude			Precision
		°	'	"	°	'	"	
ONION LAKE, YUKON TERRITORY	01YT08AC0001	60	6		137	25		7
PEEL RIVER AT W.S.C. GAUGE ABOVE CANYON CREEK, YUKON TERRITORY	00YT10MA0001 97900S 001	65	53	40	136	2	10	4
PELTY RIVER AT W.S.C. GAUGE AT BRIDGE ON WHITEHORSE-MAYO HWY AT PELTY CROSSING, YUKON TERRITORY	00YT09BC0002 97900S 001	62	49	47	136	34	50	4
PELTY RIVER AT W.S.C. GAUGE NEAR SUSPENSION BRIDGE AT ROSS RIVER, YUKON TERRITORY	00YT09BC0001 97900S 002	61	59	12	132	26	54	4
PELTY RIVER BELOW VANGORDA CREEK, YUKON TERRITORY	00YT09BC0008 97900S 004	63	13	20	133	22	40	4
PELTY RIVER 4 MILES ABOVE DON CREEK, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0002	62	35		129	48		7
PELTY RIVER, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0003	62	23		130	0		7
PLUM CREEK, YUKON TERRITORY	00YT08AB0004	60	15		137	37		7
PORCUPINE RIVER AT W.S.C. GAUGE NEAR R.C.M.P. BARRACKS IN OLD CROW, YUKON TERRITORY	00YT09FD0001 97900S 001	67	33	50	139	53	0	4
QUILL CREEK ABOVE CONFLUENCE WITH NICKEL CREEK, YUKON TERRITORY	00YT09CA0003	61	26	57	139	28	28	4
QUILL CREEK BELOW CONFLUENCE WITH NICKEL CREEK ABOUT 4 MILES WEST OF HUDSON-YUKON MINE MILL, YUKON TERRITORY	00YT09CA0002	61	27	28	139	27	31	4
QUILL CREEK BELOW HUDSON-YUKON MINE TAILINGS POND, YUKON TERRITORY	00YT09CA0004	61	30	17	139	19	26	4
ROSE CREEK (NORTH FORK) AT BRIDGE ABOVE ANVIL MINE, FARO, YUKON TERRITORY	00YT09BC0003 97900S 003	62	20	22	133	22	30	4
ROSE CREEK AT END OF OLD TRAIL BELOW ANVIL MINES TAILINGS POND, FARO, YUKON TERRITORY	00YT09BC0005 97900S 003	62	21	2	133	26	38	4
ROSE CREEK AT INFLOW INTO ANVIL MINES RESERVOIR, FARO, YUKON TERRITORY	00YT09BC0007	62	19	33	133	21	0	4
ROSE CREEK BELOW ANVIL MINES TAILINGS POND NEAR AIR STRIP, FARO, YUKON TERRITORY	00YT09BC0006	62	21	41	133	25	38	4
ROSE CREEK, FRESHWATER AT ANVIL MINE PUMPHOUSE, FARO, YUKON TERRITORY	00YT09BC0004 97900S 003	62	20	3	133	23	22	4

## YUKON TERRITORY

## WATER QUALITY STATIONS : ALPHABETICAL INDEX

Location Description	Station Number Station Parameters	Latitude			Longitude			Precision
		°	'	"	°	'	"	
ROSS RIVER AT W.S.C. GAUGE AT ROSS RIVER, YUKON TERRITORY	00YT09BA0001 97900S 001	61	59	40	132	22	40	4
SANDY CREEK AT KENO ROAD BRIDGE 1.5 MILES DOWNSTREAM OF CALUMET MINE WATER DISCHARGE, YUKON TERRITORY	00YT09DD0002	63	55	36	135	26	32	4
SHAFT CREEK, YUKON TERRITORY	00YT08AB0005	60	18		137	33		7
SOCKEYE LAKE, YUKON TERRITORY	01YT08AA0001	60	30		137	38		7
SOUTH MCQUESTEN RIVER ABOVE FLAT CREEK, UNITED KENO HILL MINES, ELSA, YUKON TERRITORY	00YT09DD0007	65	53	43	136	1	15	4
SOUTH MCQUESTEN RIVER AT ROAD BRIDGE DOWNSTREAM OF FLAT CREEK, YUKON TERRITORY	00YT09DD0005	63	53	45	136	1	30	4
SOUTH MCQUESTEN RIVER AT UNITED KENO HILL MINES FRESHWATER PUMPHOUSE ABOUT 4 MILES NORTHWEST OF ELSA, YUKON TERRITORY	00YT09DD0003	63	56	7	135	34	14	4
STEWART RIVER AT MOUTH, YUKON TERRITORY	00YT09DD0006 97900S 003	63	16	55	139	14	56	4
STEWART RIVER AT W.S.C. GAUGE AT THE BRIDGE ON THE WHITEHORSE-MAYO HWY AT STEWART CROSSING, YUKON TERRITORY	00YT09DD0001 97900S 002	63	22	56	136	40	59	4
STEWART RIVER AT W.S.C. GAUGE JUST EAST OF MAYO, YUKON TERRITORY	00YT09DC0001 97900S 002	63	35	26	135	53	48	4
TAGISH CREEK NEAR CARCROSS, YUKON TERRITORY	00YT09AA0007	60	17	32	134	18	0	4
TAGISH LAKE AT WINDY ARM ABOUT 3 MILES FROM OLD VENUS MINE SITE, YUKON TERRITORY	01YT09AA0001	60	2	50	134	34	10	4
TAKHINI RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY ABOUT 25 MILES NORTHWEST OF WHITEHORSE, YUKON TERRITORY	00YT09AC0001 97900S 001	60	51	8	135	44	21	4
TANK CREEK NEAR CARCROSS ABOUT 0.25 MILE DOWNSTREAM OF ABANDONED ARCTIC GOLD AND SILVER MINE TAILINGS POND, YUKON TERRITORY	00YT09AA0002	60	8	40	134	43	6	4
TESLIN RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY AT JOHNSONS CROSSING, YUKON TERRITORY	00YT09AE0001 97900S 001	60	29	7	133	18	4	4
UPPER KATHLEEN LAKE, YUKON TERRITORY	01YT08AA0002	60	32		137	30		7

# WATER QUALITY STATIONS : ALPHABETICAL INDEX

# YUKON TERRITORY

Location Description	Station Number Station Parameters	Latitude			Longitude			Precision
		°	'	"	°	'	"	
VICTORIA CREEK, YUKON TERRITORY	00YT08AA0003	60	31		137	26		7
WHEATON RIVER, AT W.S.C. GAUGE NEAR CARCROSS ABOUT 3 MILES ABOVE MOUTH, YUKON TERRITORY	00YT09AA0001 97900S 012	60	8	5	134	53	45	4
WHITEHORSE COPPER MINES DISCHARGE INTO CRATER LAKE FROM UNDER ROAD, YUKON TERRITORY	00YT09AB0004	60	38	31	135	1	54	4
YUKON RIVER ABOVE CONFLUENCE OF KLONDIKE RIVER, YUKON TERRITORY	00YT09EB0002	64	2	50	139	27	0	4
YUKON RIVER ABOVE WHITE RIVER, YUKON TERRITORY	00YT09CD0001 97900S 001	63	8	59	139	33	10	4
YUKON RIVER AT DAWSON, YUKON TERRITORY	00YT09EB0001 97900S 001	64	4	12	139	25	30	4
YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE-MAYO HWY BRIDGE ABOUT 0.5 MILE NORTH OF CARMACKS, YUKON TERRITORY	00YT09AH0001 97900S 001	62	5	45	136	16	18	4
YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE, YUKON TERRITORY	00YT09AB0001 97900S 001	60	42	50	135	2	35	4
YUKON RIVER AT WHITEHORSE COPPER MINES PUMPHOUSE (STATION 4, FRESHWATER STORAGE FOR MILL), WHITEHORSE, YUKON TERRITORY	00YT09AB0003	60	38	51	134	59	15	4
ZINC CREEK NEAR HEADWATERS, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0006	62	24		129	34		7











INLAND WATERS DIRECTORATE,  
WATER QUALITY BRANCH,  
OTTAWA, CANADA, 1975.

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES,  
DIRECTION DE LA QUALITÉ DES EAUX,  
OTTAWA, CANADA, 1975.

